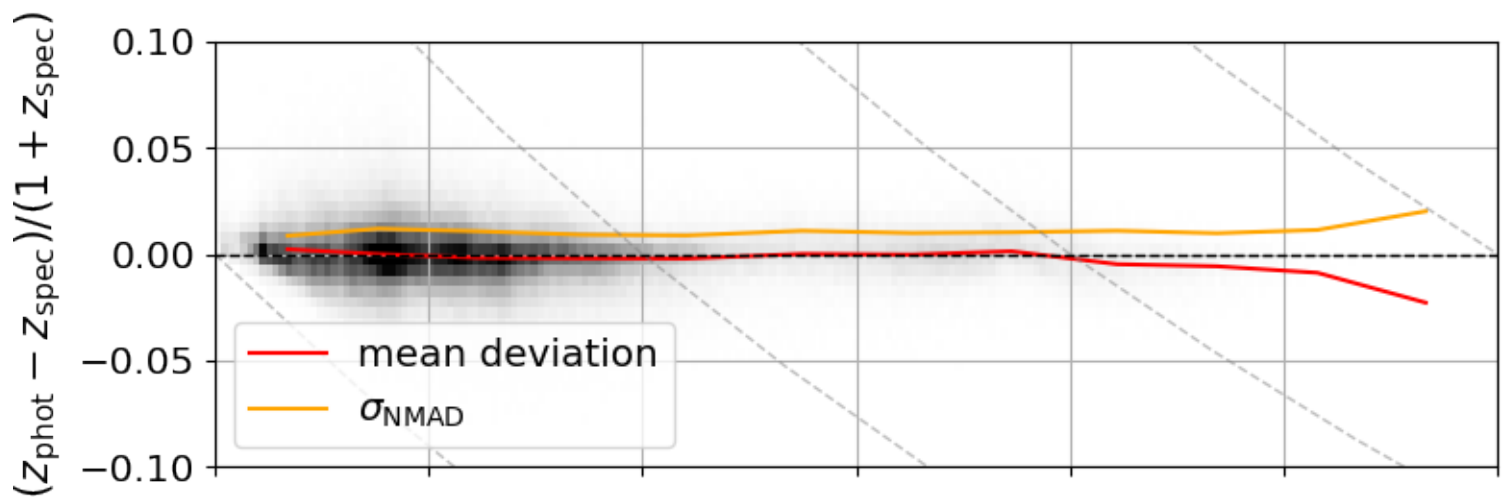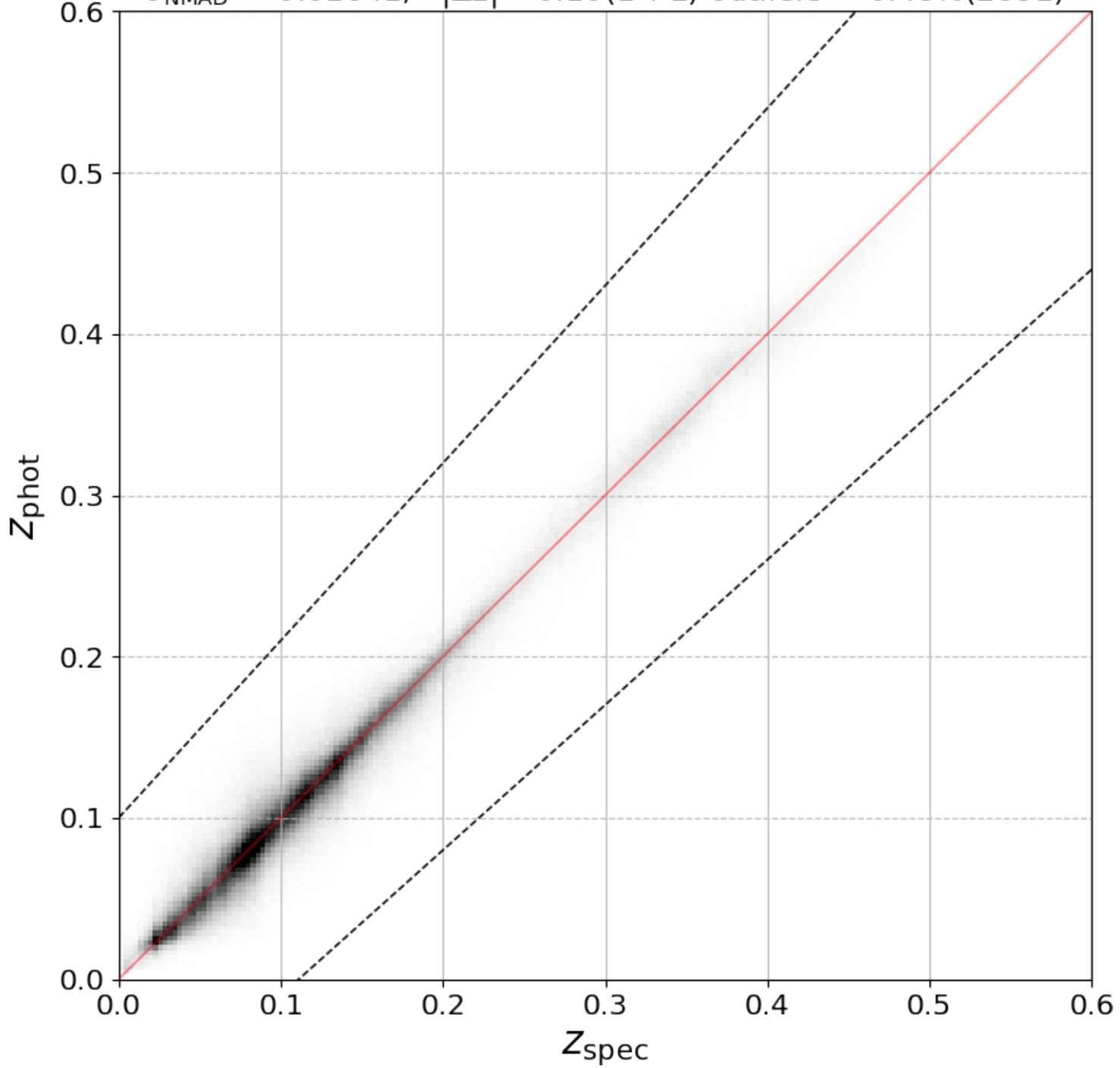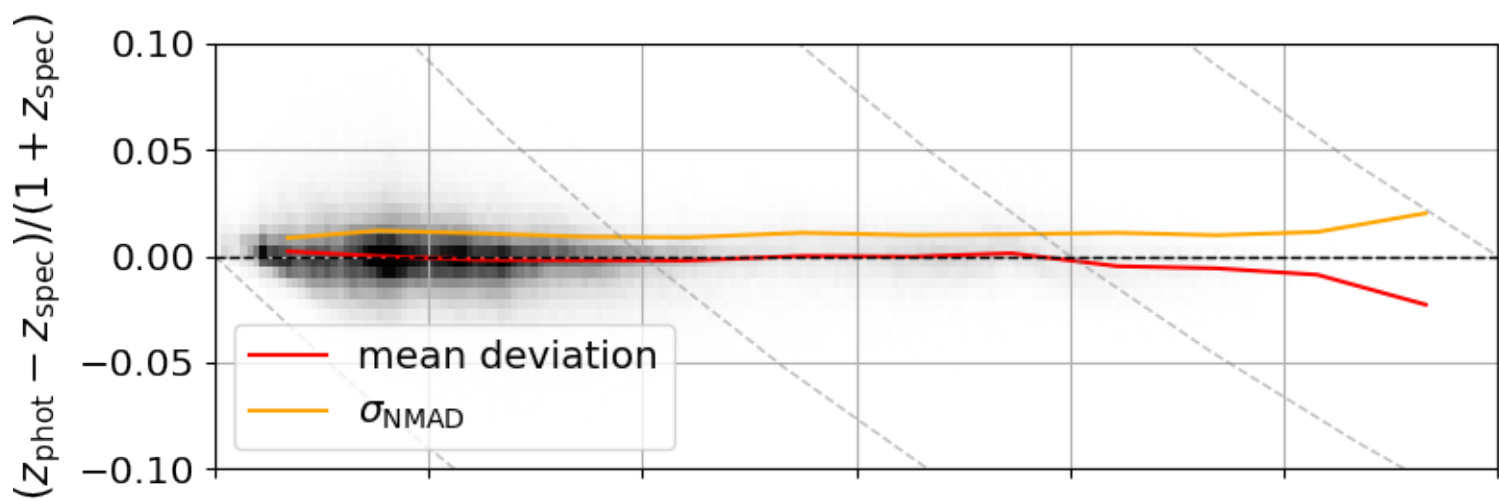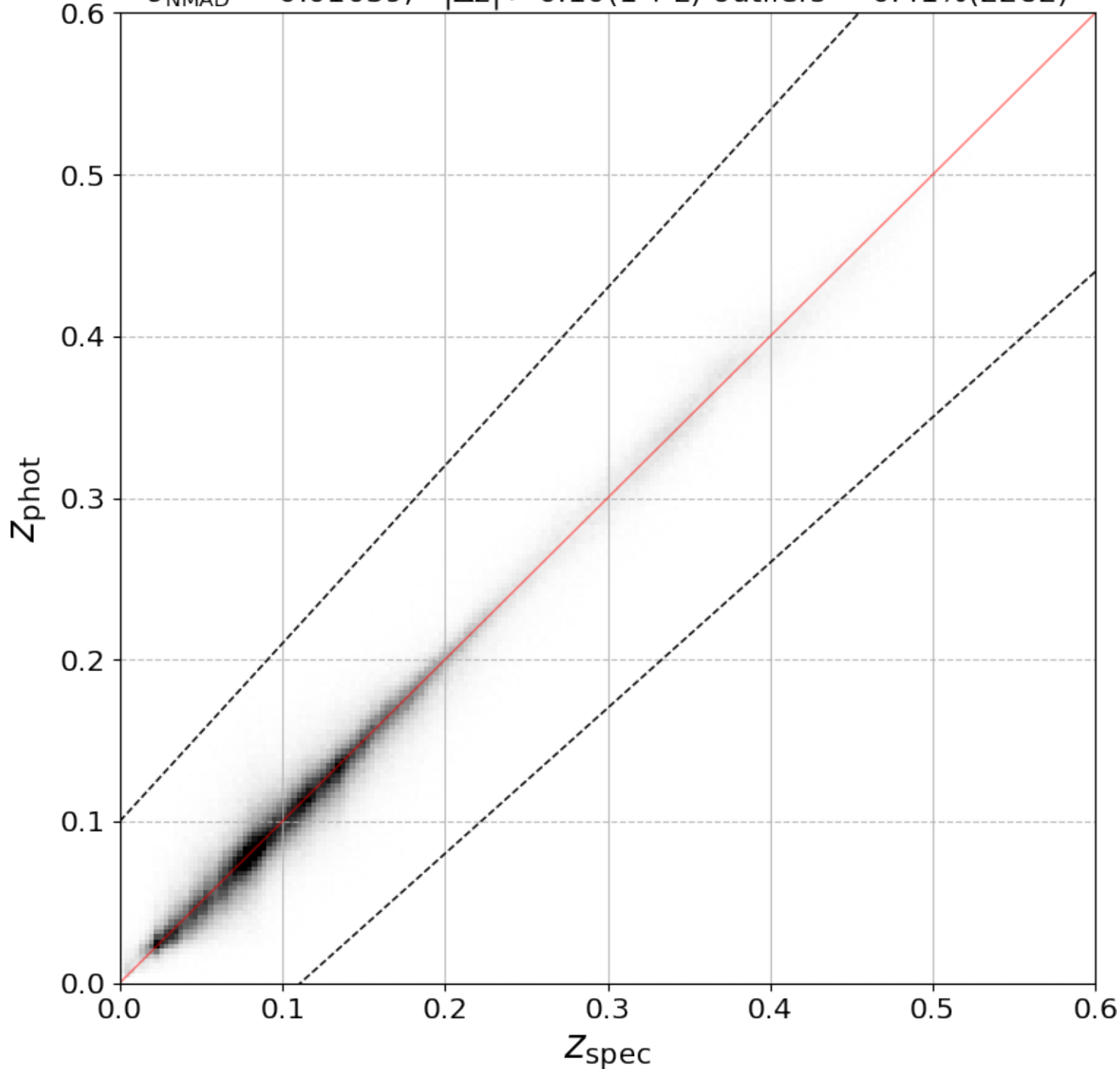SDSS (LS south, 561448 objects)
$\sigma_{\mathrm{NMAD}} = 0.01041$; $|\Delta z| > 0.10(1+z)$ outliers = 0.48%(2691)

SDSS zmag<21 (LS south, 560748 objects)

$\sigma_{\mathrm{NMAD}} = 0.01039;$ $|\Delta z| > 0.10(1+z)$ outliers $= 0.41\%(2282)$
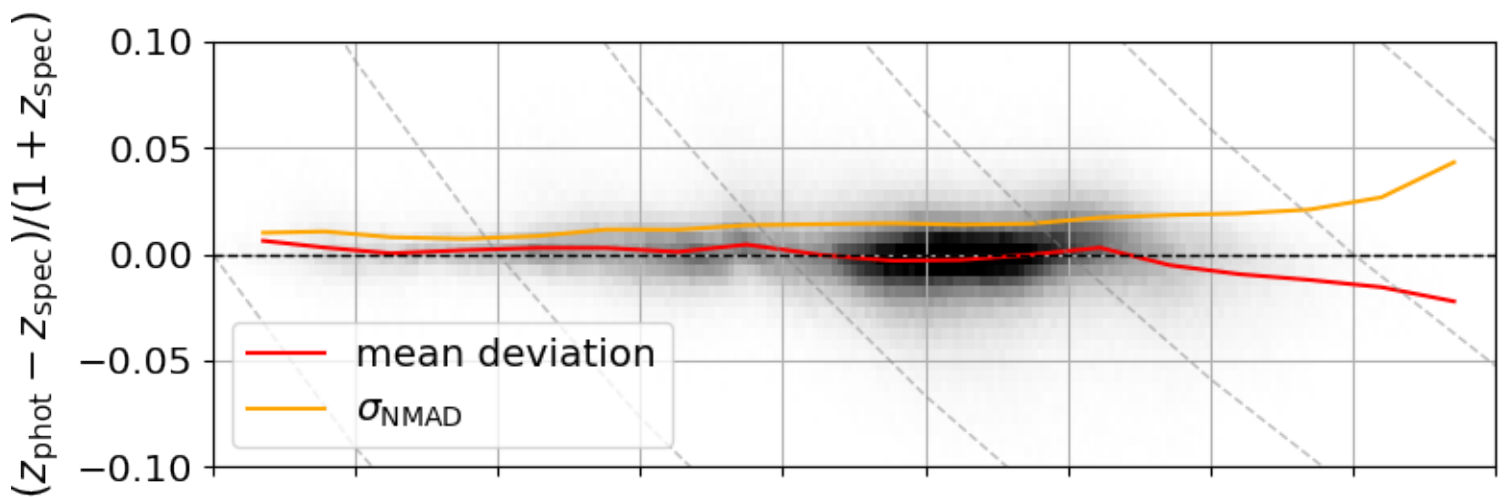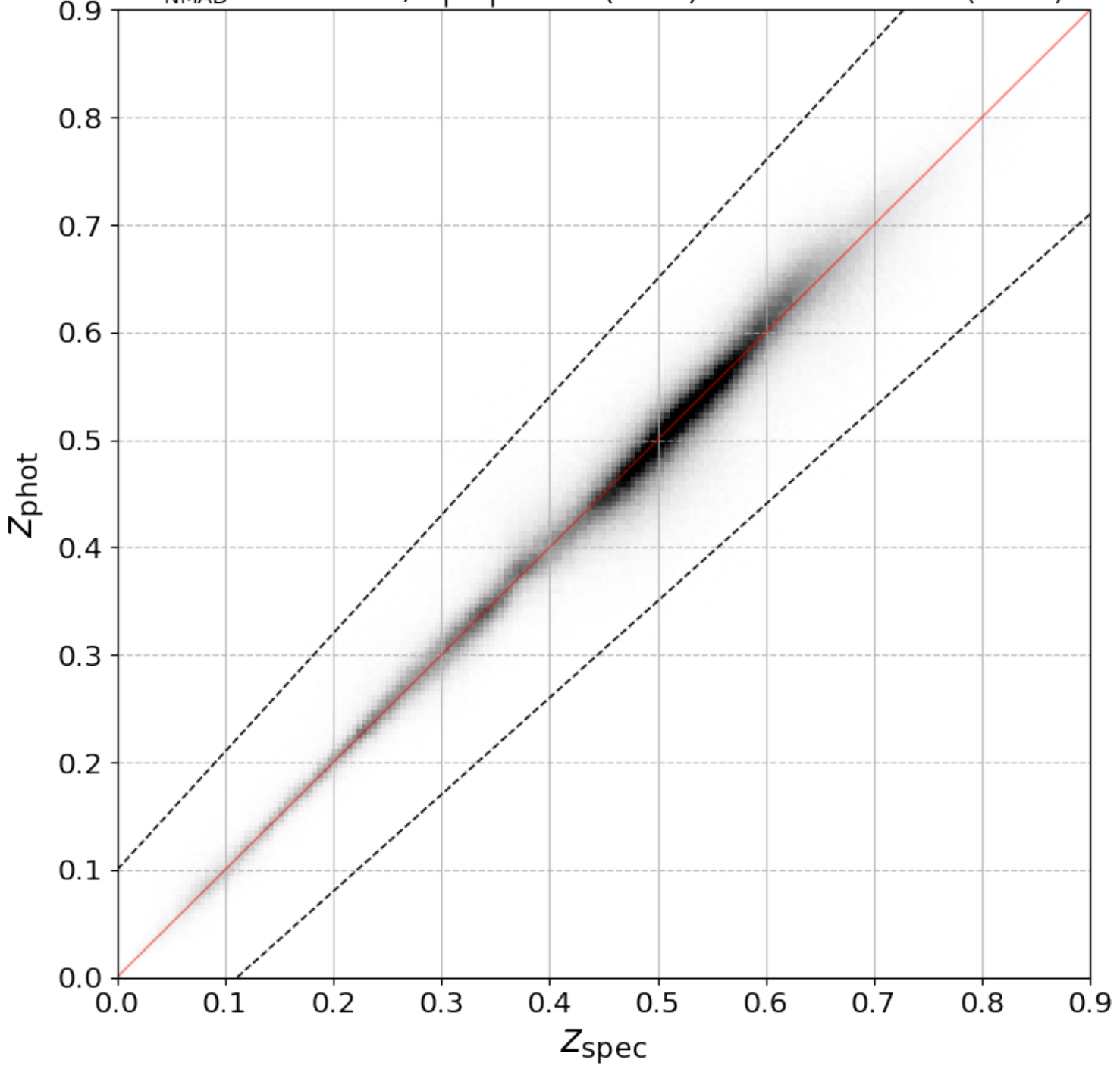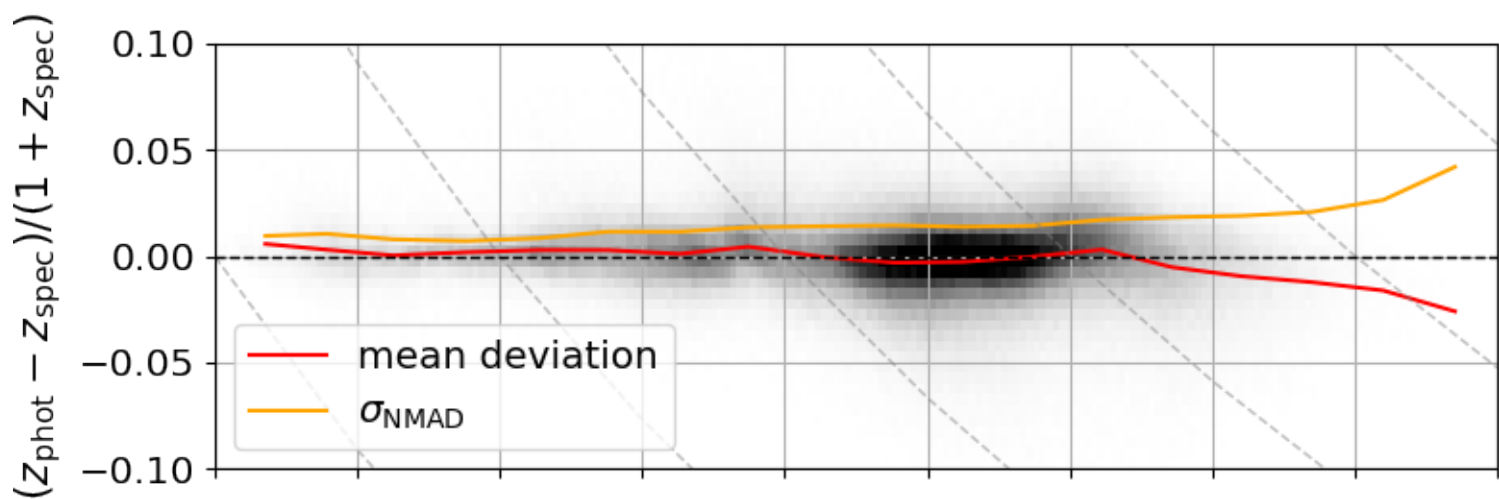
BOSS (LS south, 967556 objects)

$\sigma_{NMAD} = 0.01377;$ $|\Delta z| > 0.10(1+z)$ outliers $= 0.98\%(9458)$

BOSS zmag<21 (LS south, 964436 objects)

$\sigma_{\mathrm{NMAD}} = 0.01372; \quad |\Delta z| > 0.10(1 + z)$ outliers $= 0.87\%(8364)$

eBOSS-LRG (LS south, 107677 objects)
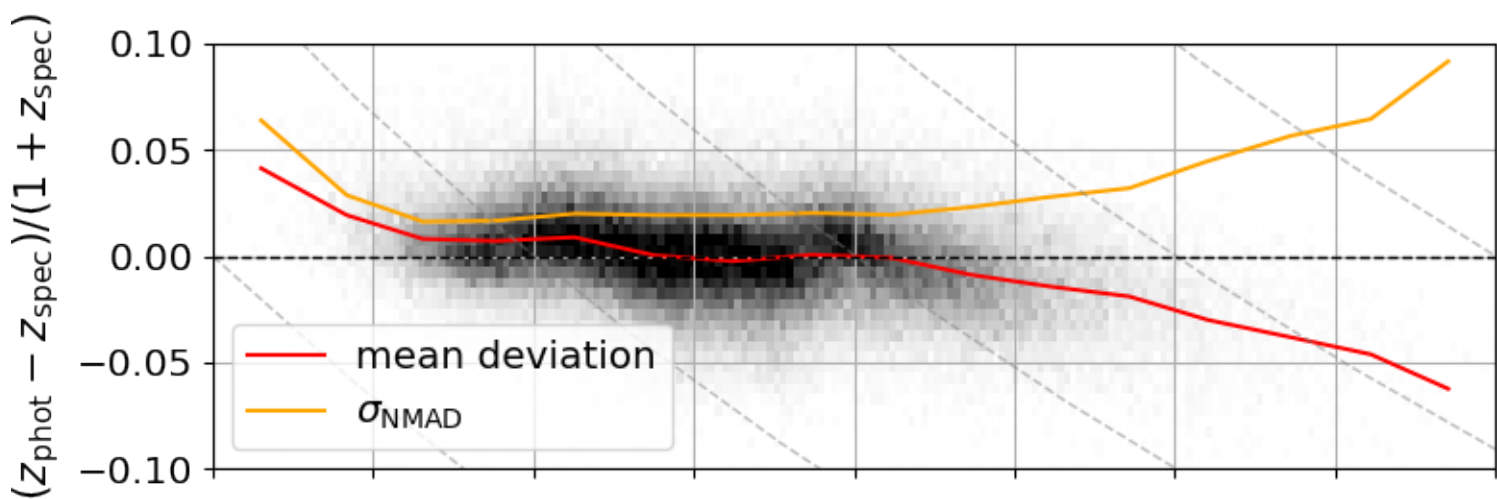$\sigma_{\mathrm{NMAD}} = 0.02009;$ $|\Delta z| > 0.10(1 + z)$ outliers = 0.53%(574)

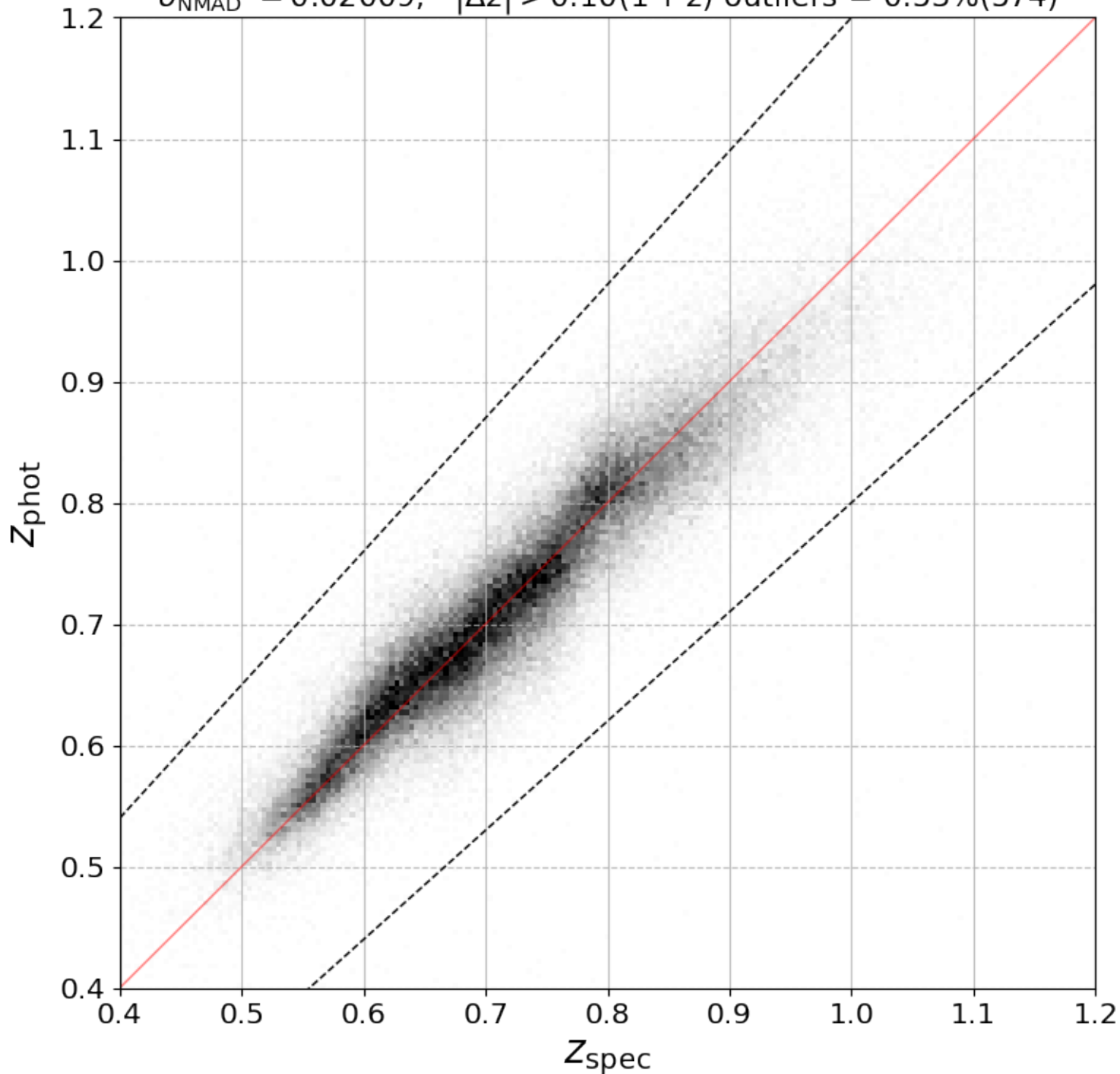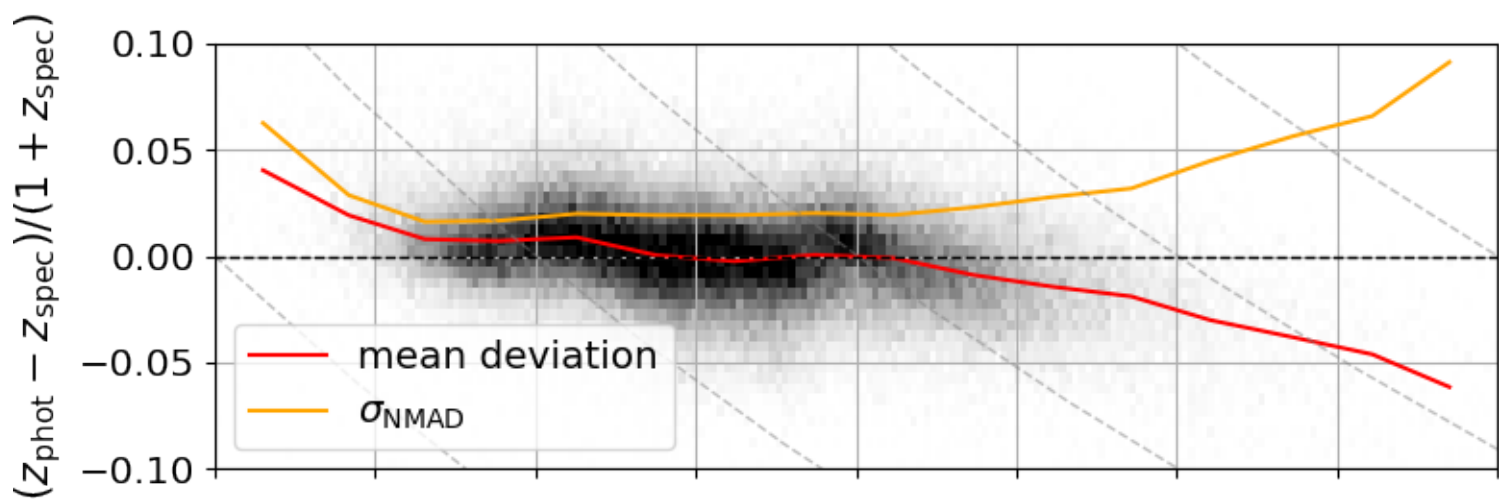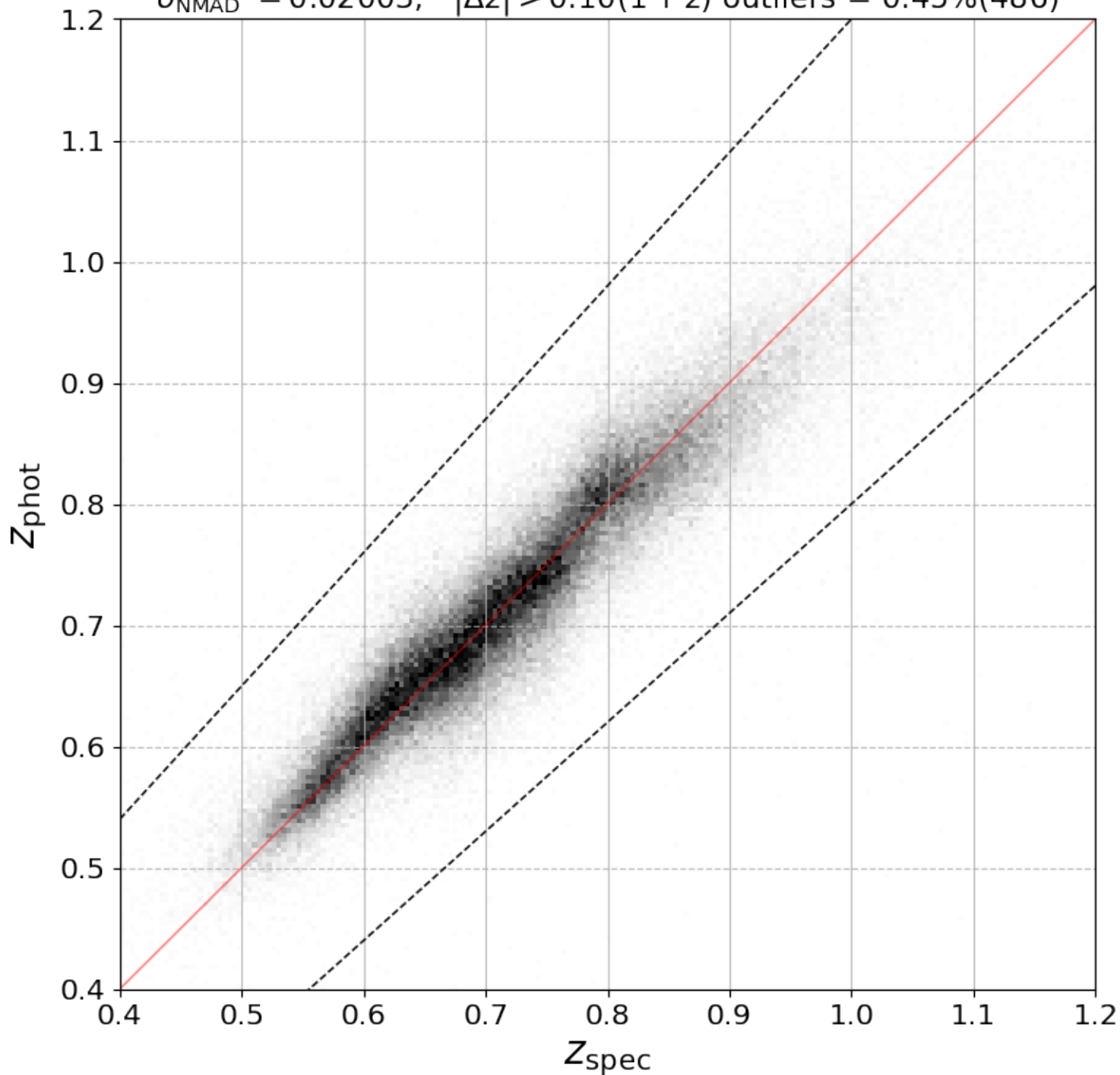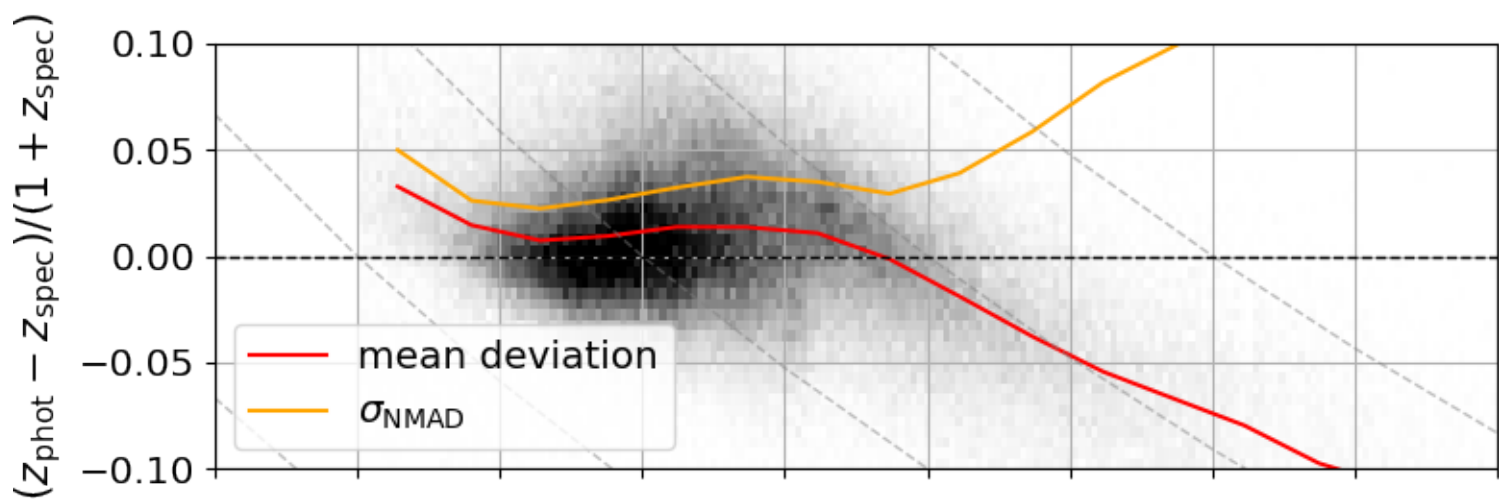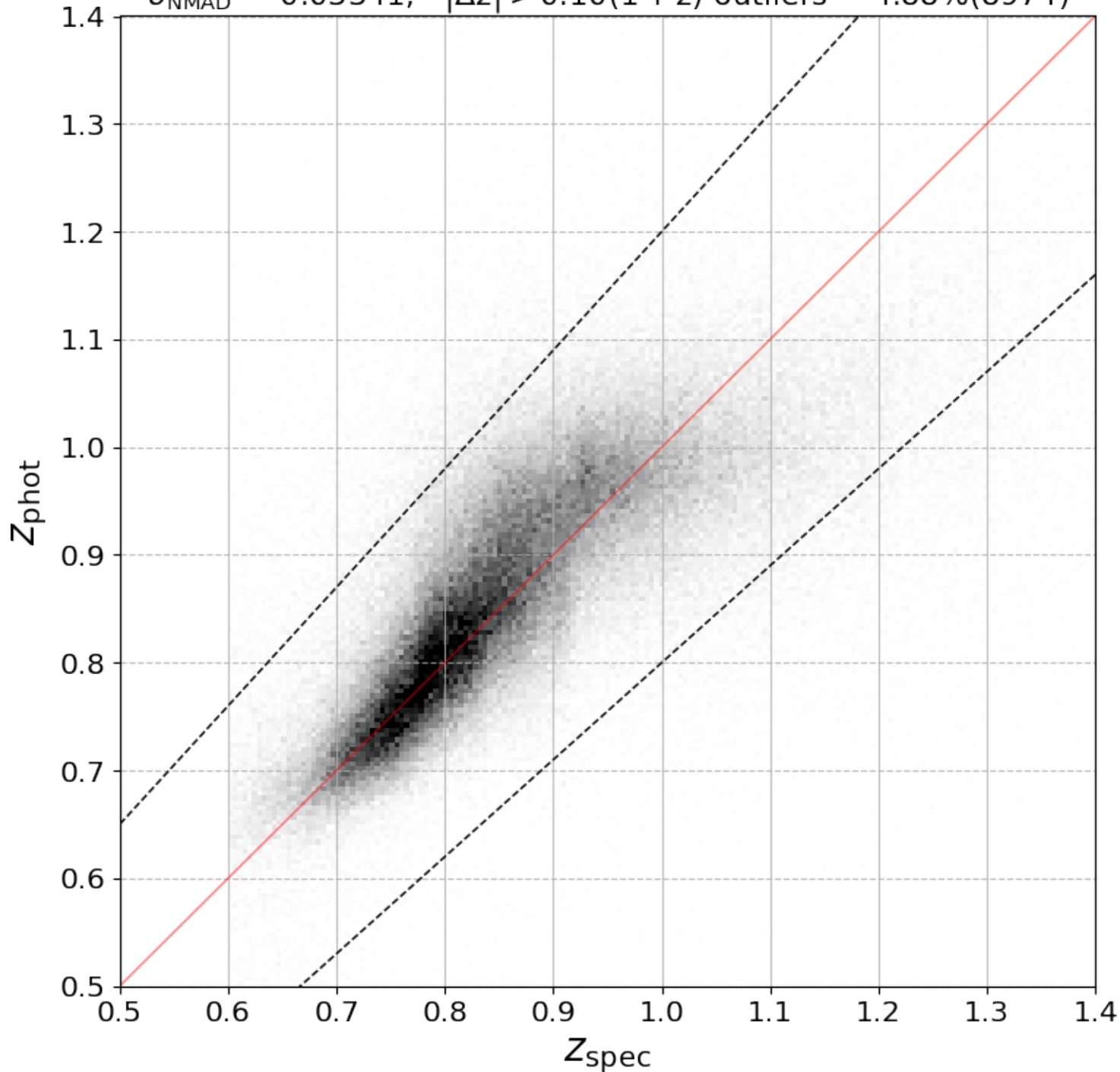eBOSS-LRG zmag<21 (LS south, 107034 objects)
$\sigma_{\mathrm{NMAD}} = 0.02003;$ $|\Delta z| > 0.10(1+z)$ outliers $= 0.45\%(486)$
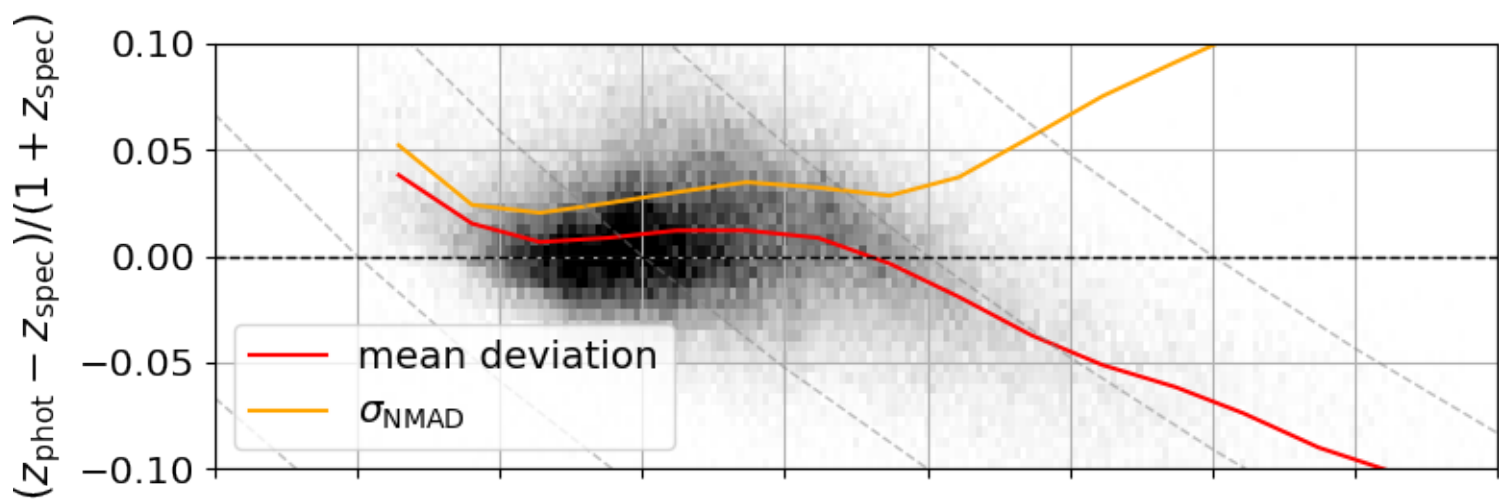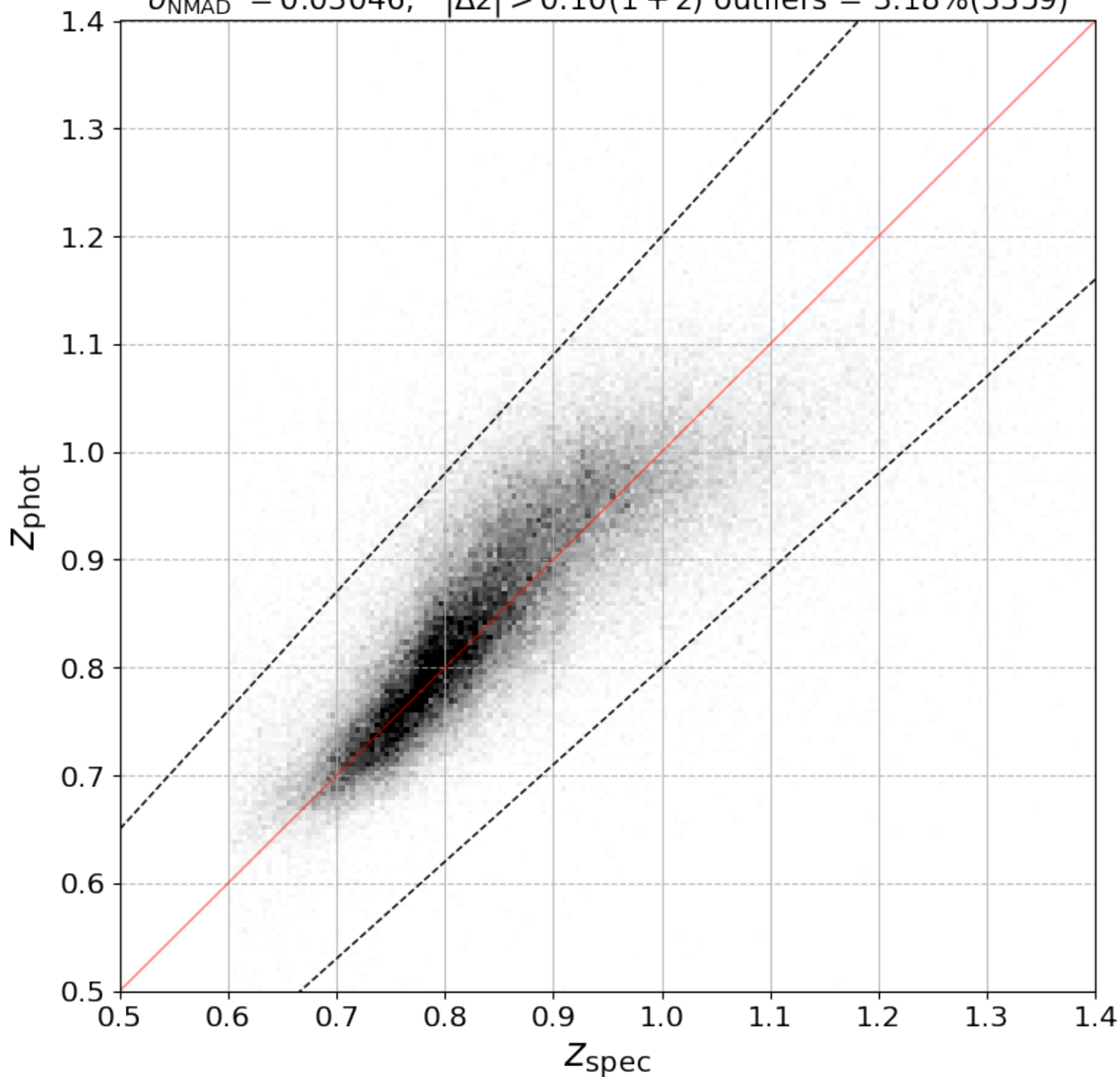
eBOSS-ELG (LS south, 184078 objects)

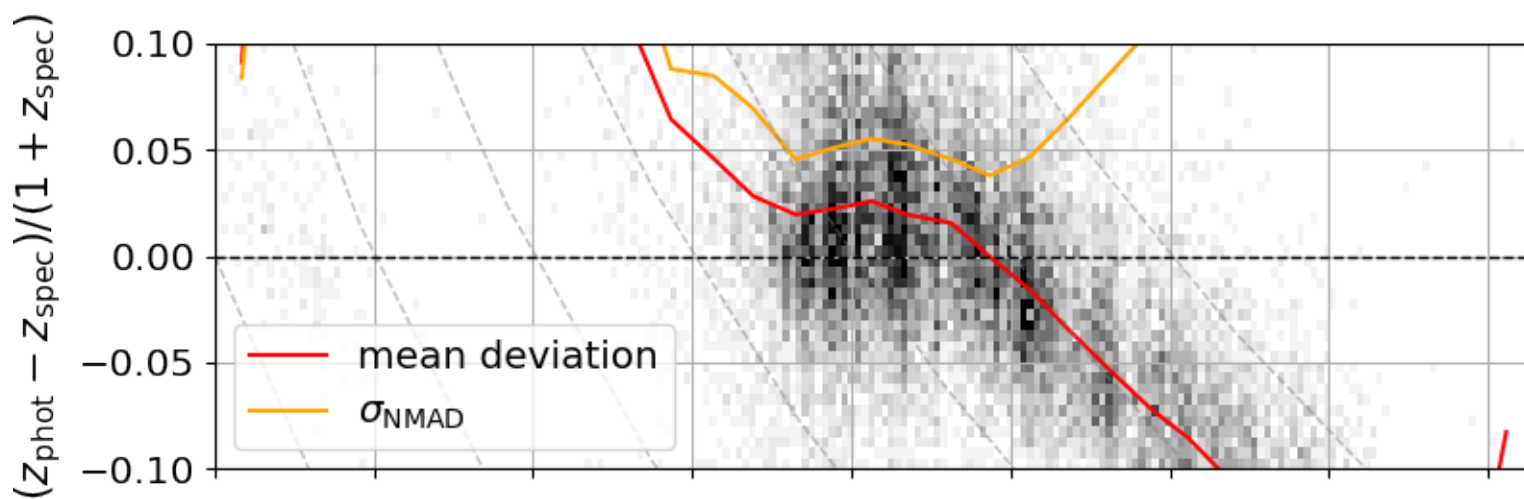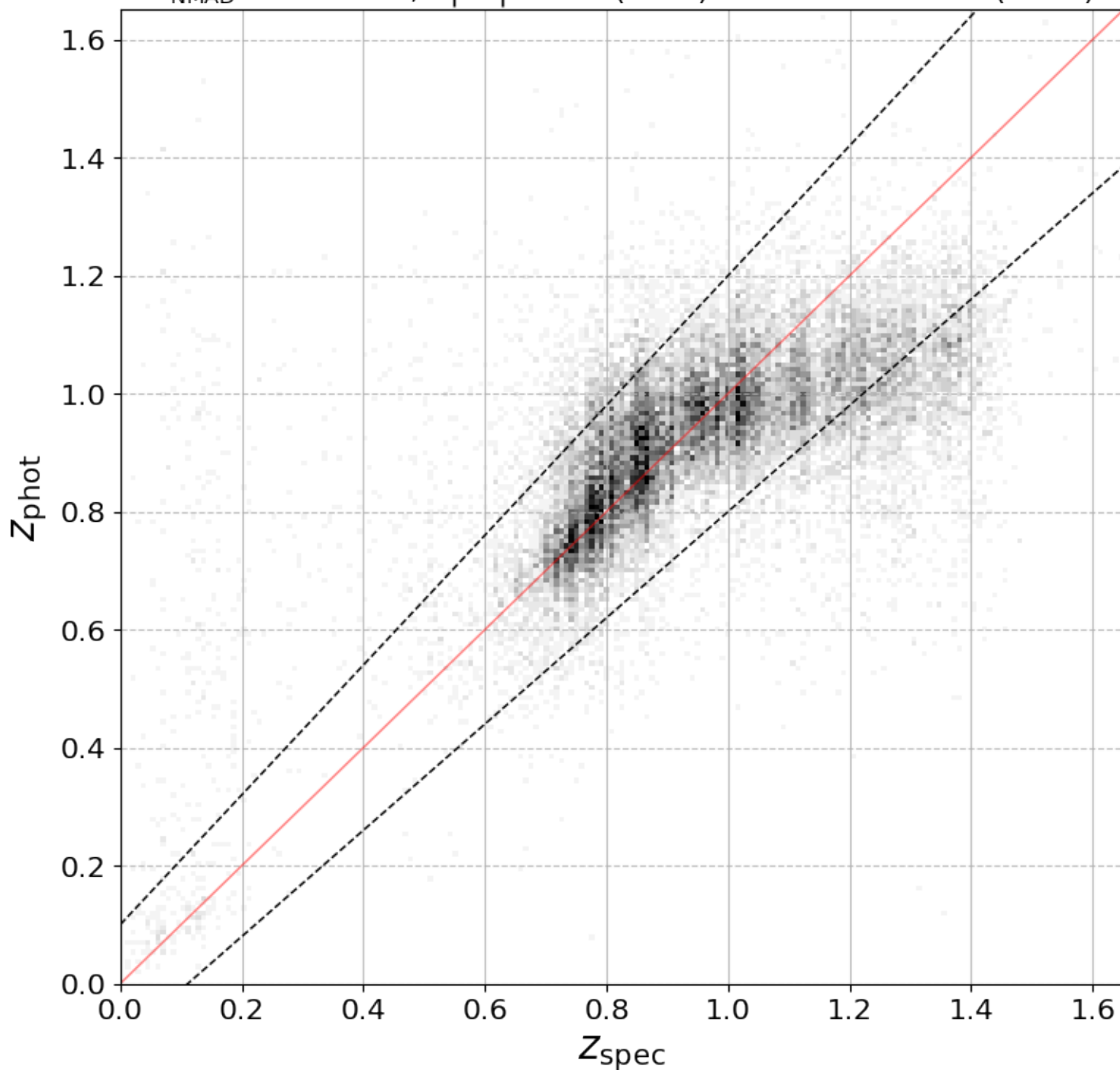$\sigma_{\text{NMAD}} = 0.03341$; $|\Delta z| > 0.10(1+z)$ outliers = 4.88%(8974)

eBOSS-ELG zmag<21 (LS south, 105561 objects)

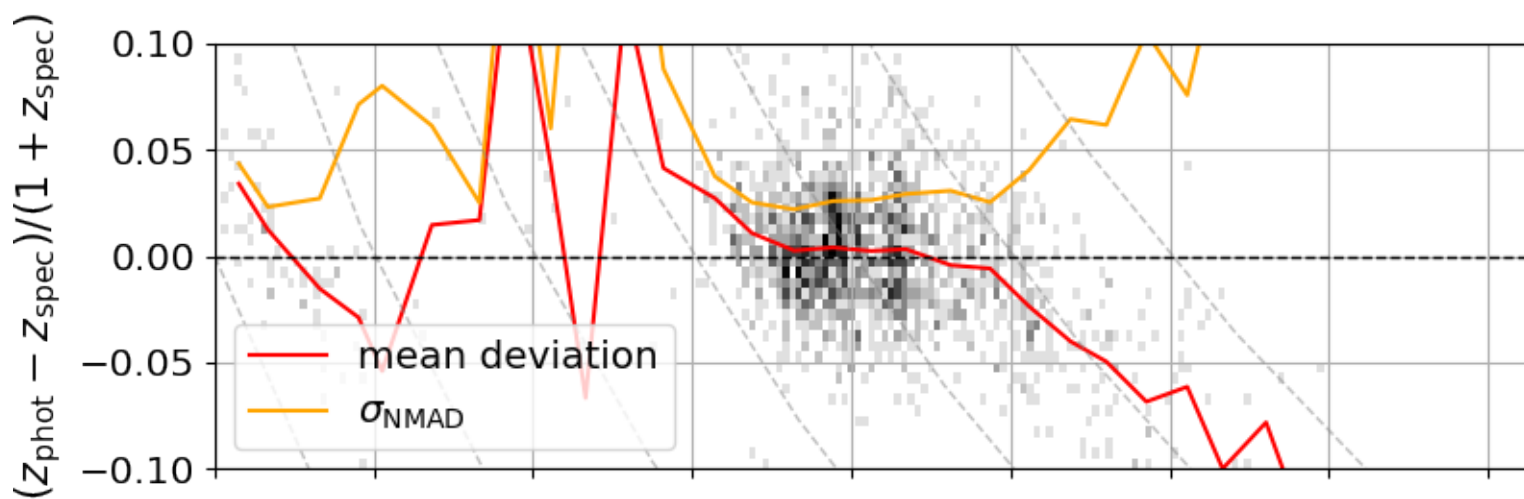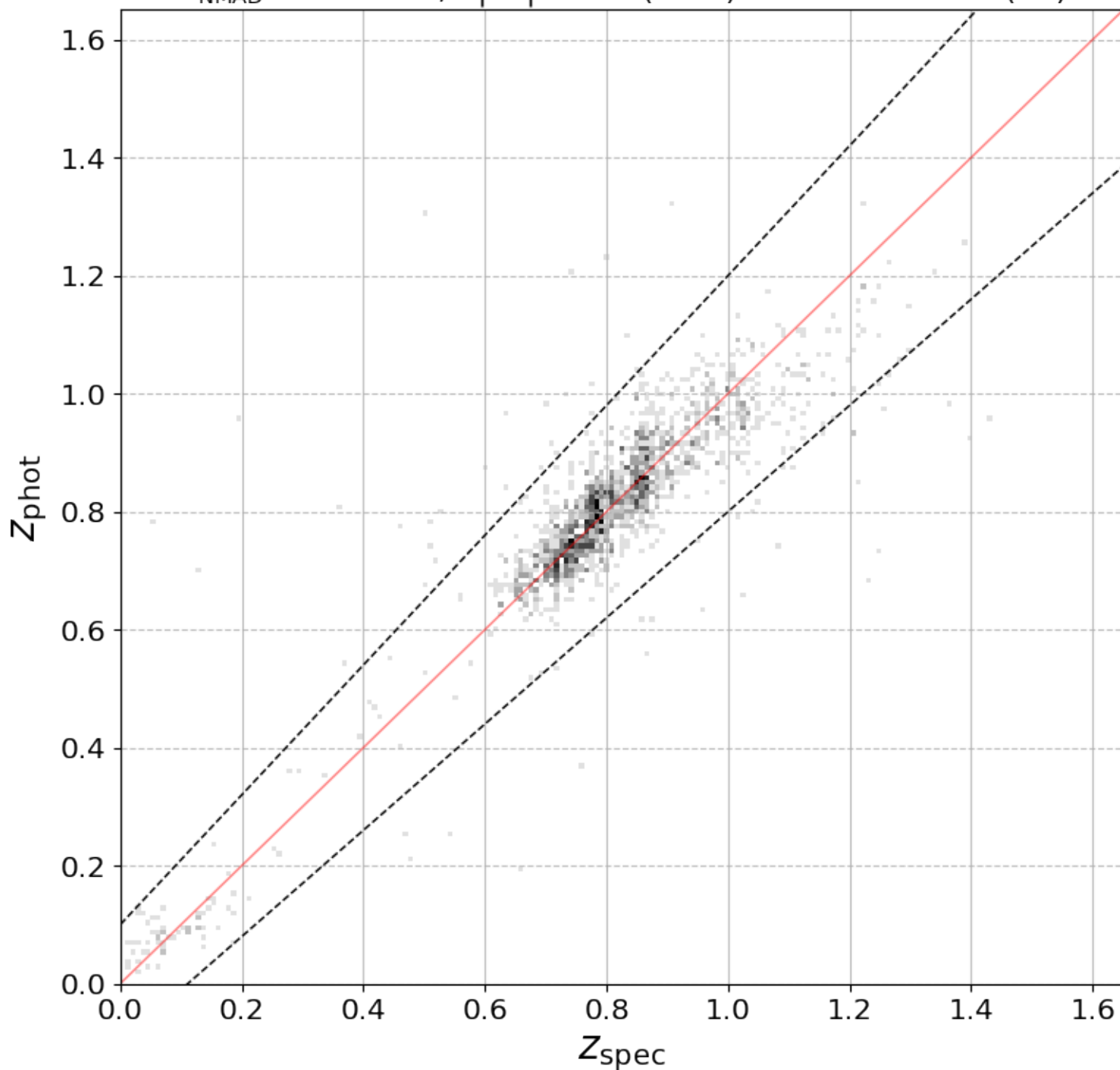$\sigma_{\mathrm{NMAD}} = 0.03046;$ $|\Delta z| > 0.10(1 + z)$ outliers = 3.18%(3359)

DEEP2 Fields 2,3,4 (LS south, 21188 objects)

$\sigma_{\mathrm{NMAD}} = 0.06937$; $|\Delta z| > 0.10(1 + z)$ outliers = 21.29%(4510)
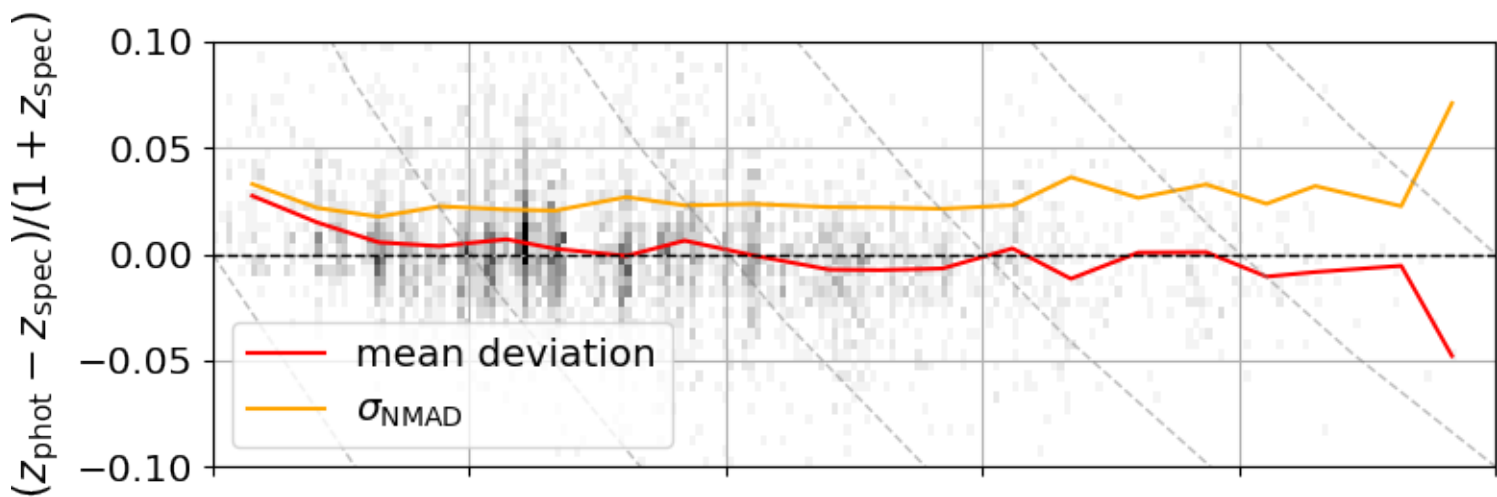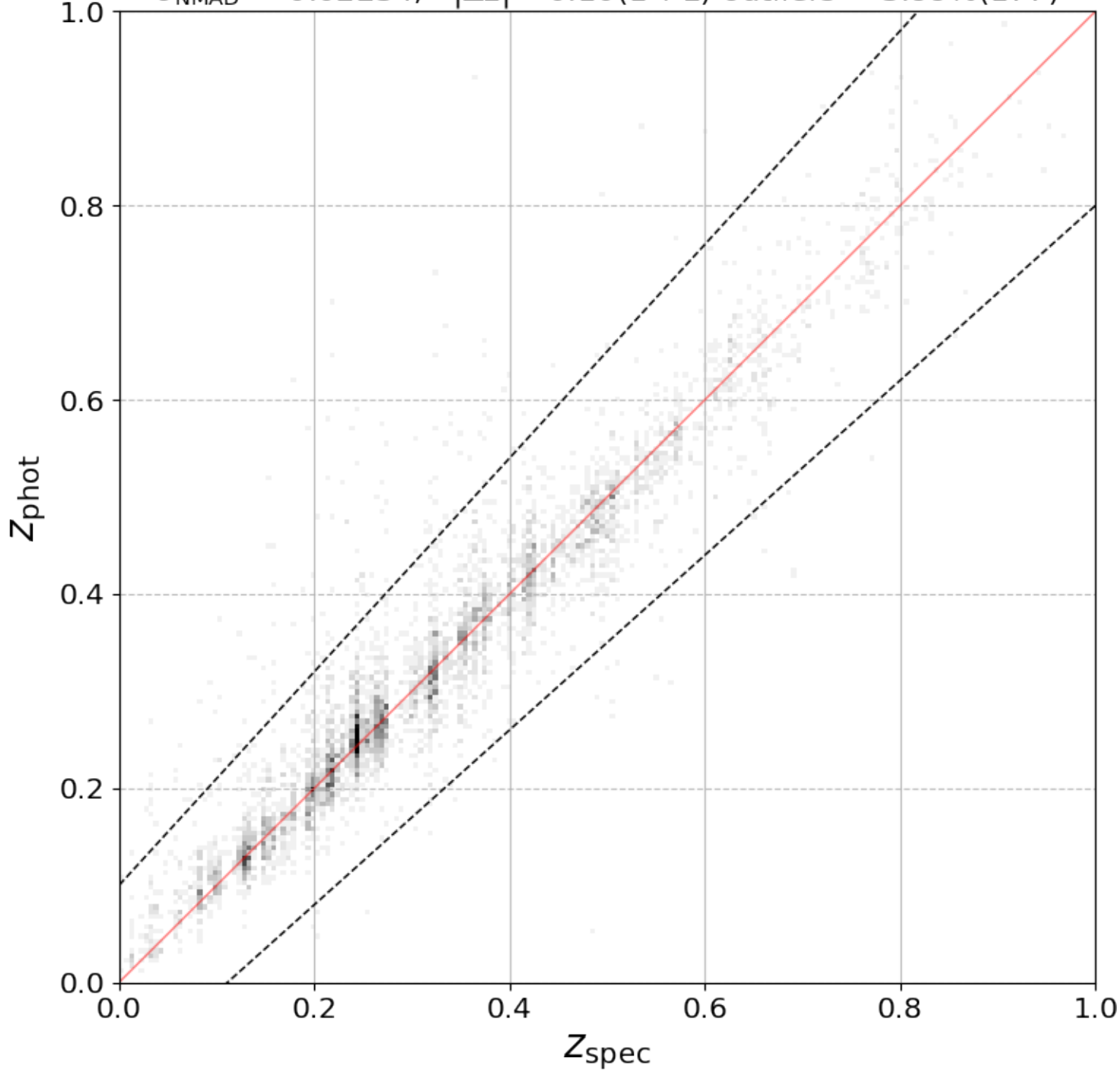
DEEP2 Fields 2,3,4 zmag<21 (LS south, 1795 objects)
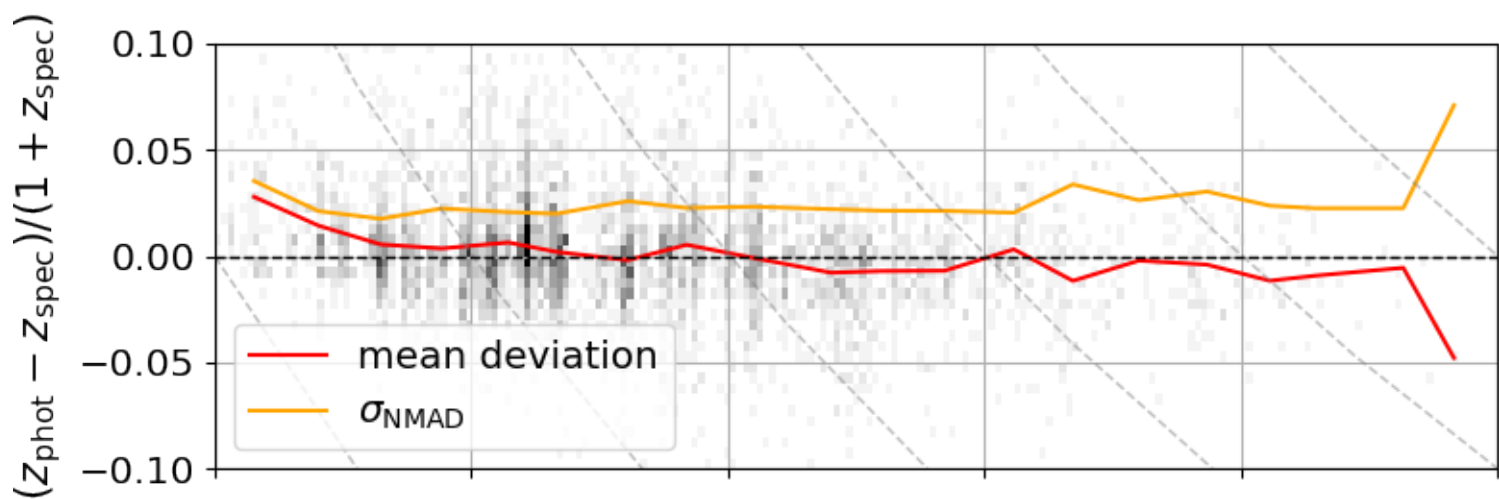$\sigma_{\mathrm{NMAD}} = 0.02873;$ $|\Delta z| > 0.10(1 + z)$ outliers = 3.51%(63)

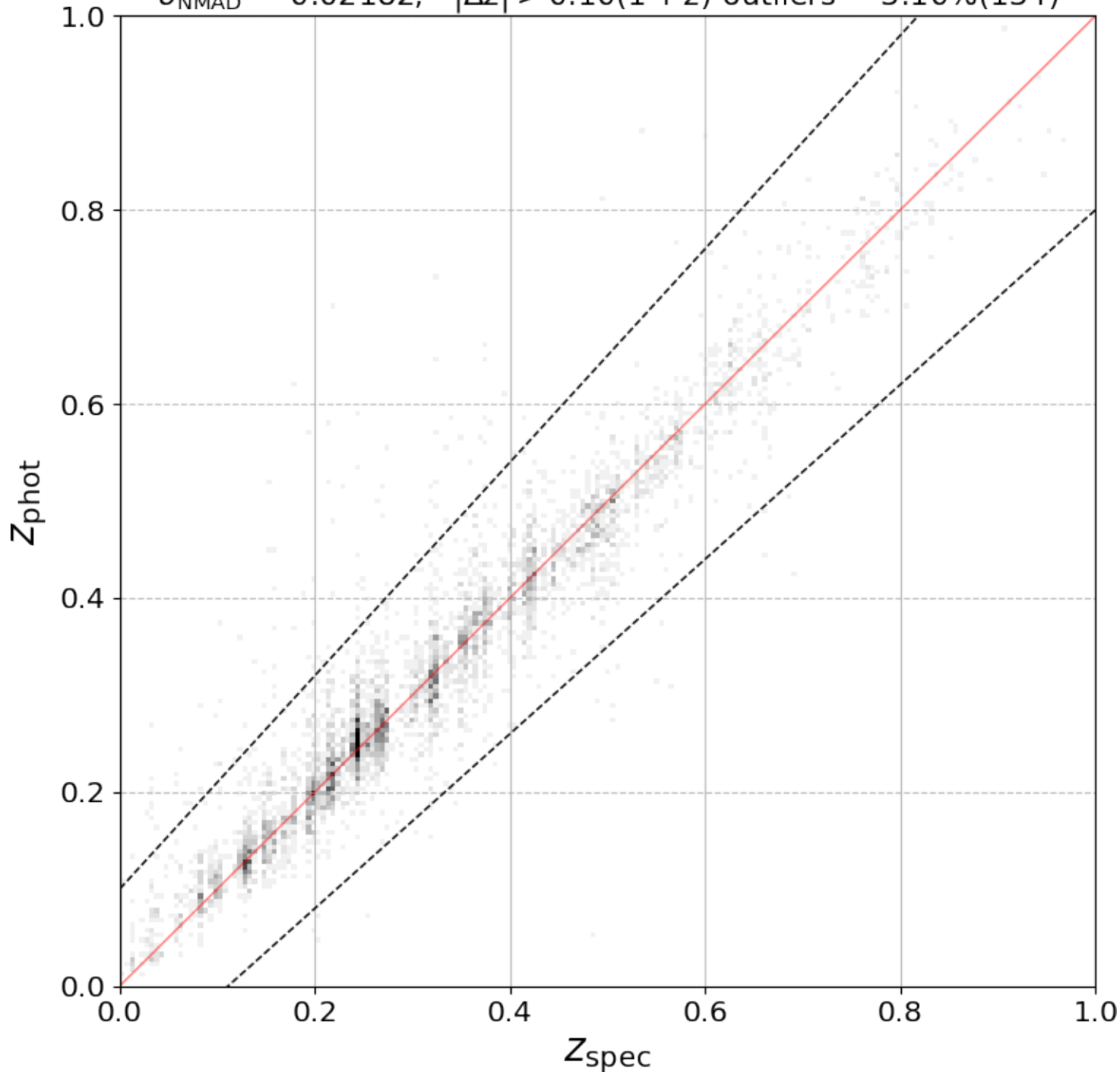AGES (LS south, 4432 objects)

$\sigma_{\mathrm{NMAD}} = 0.02234;$ $|\Delta z| > 0.10(1 + z)$ outliers $= 3.99\%(177)$
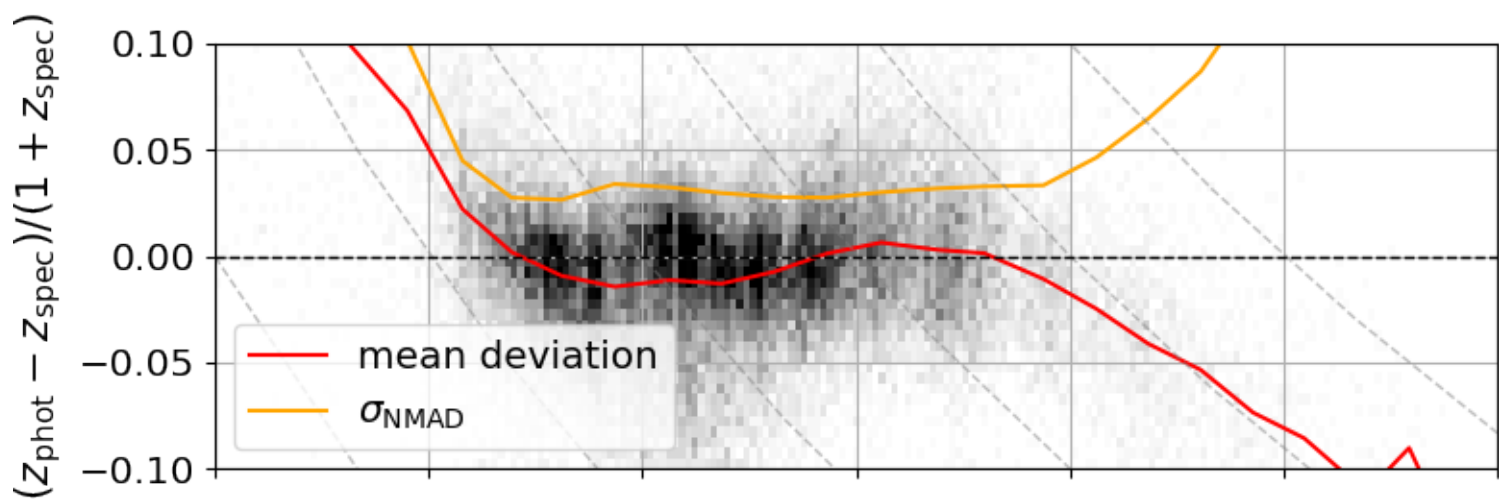
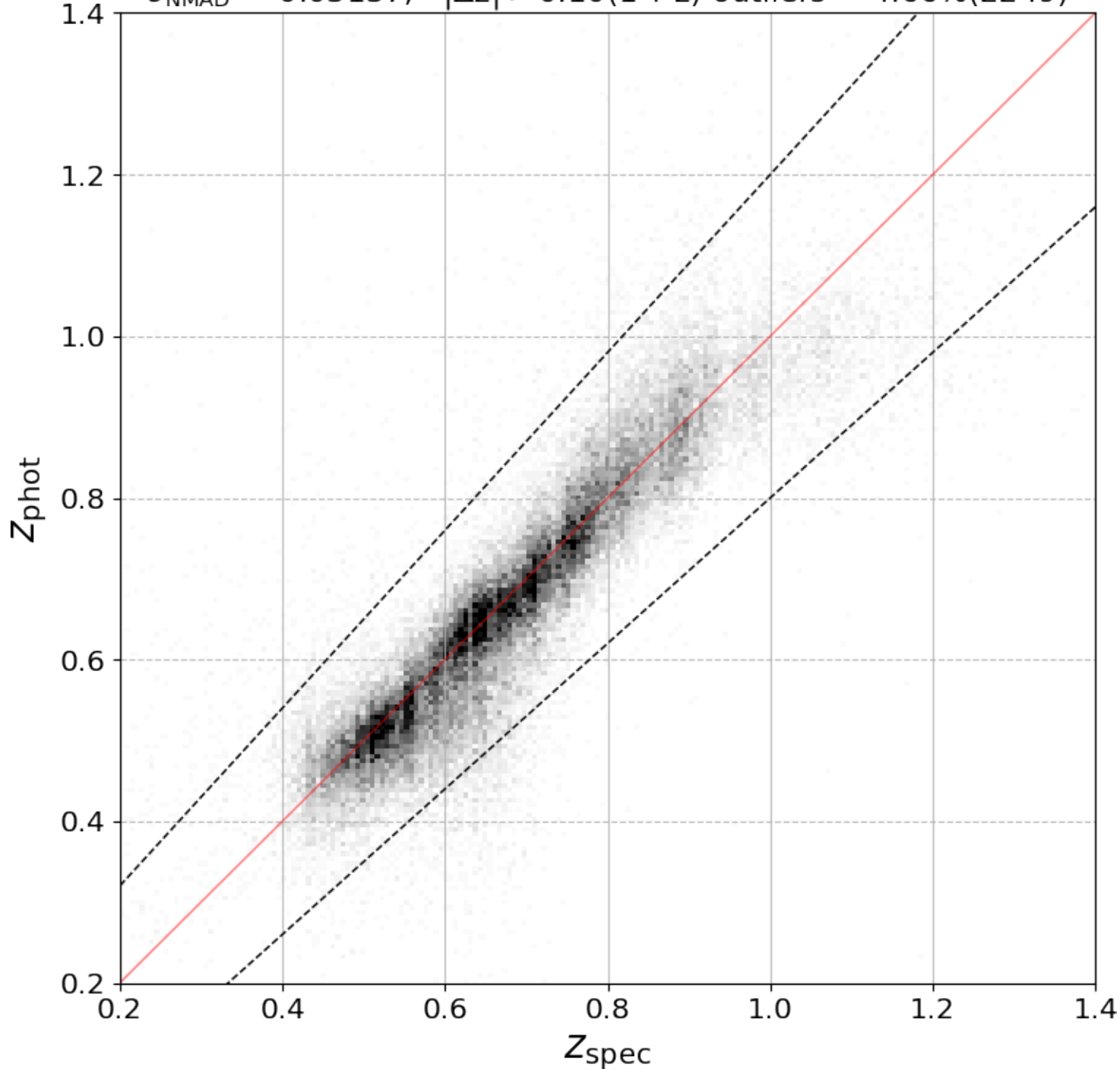AGES zmag<21 (LS south, 4321 objects)

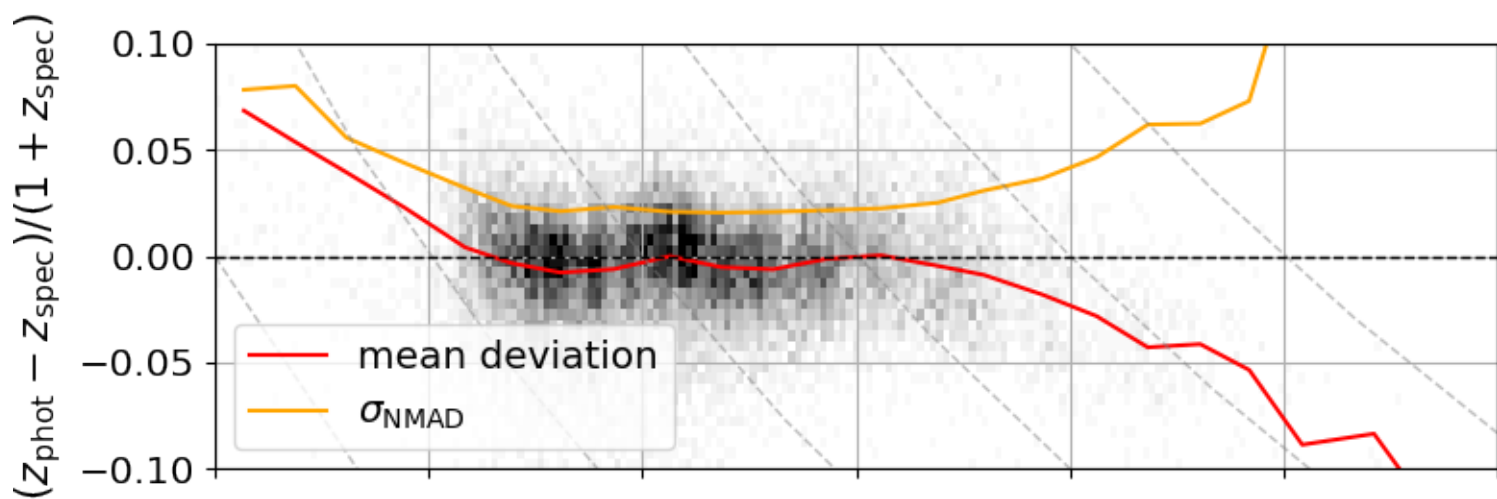$\sigma_{NMAD} = 0.02182;$ $|\Delta z| > 0.10(1 + z)$ outliers = 3.10%(134)

VIPERS (LS south, 48262 objects)

$\sigma_{\mathrm{NMAD}} = 0.03137; \quad |\Delta z| > 0.10(1+z)$ outliers $= 4.66\%(2249)$

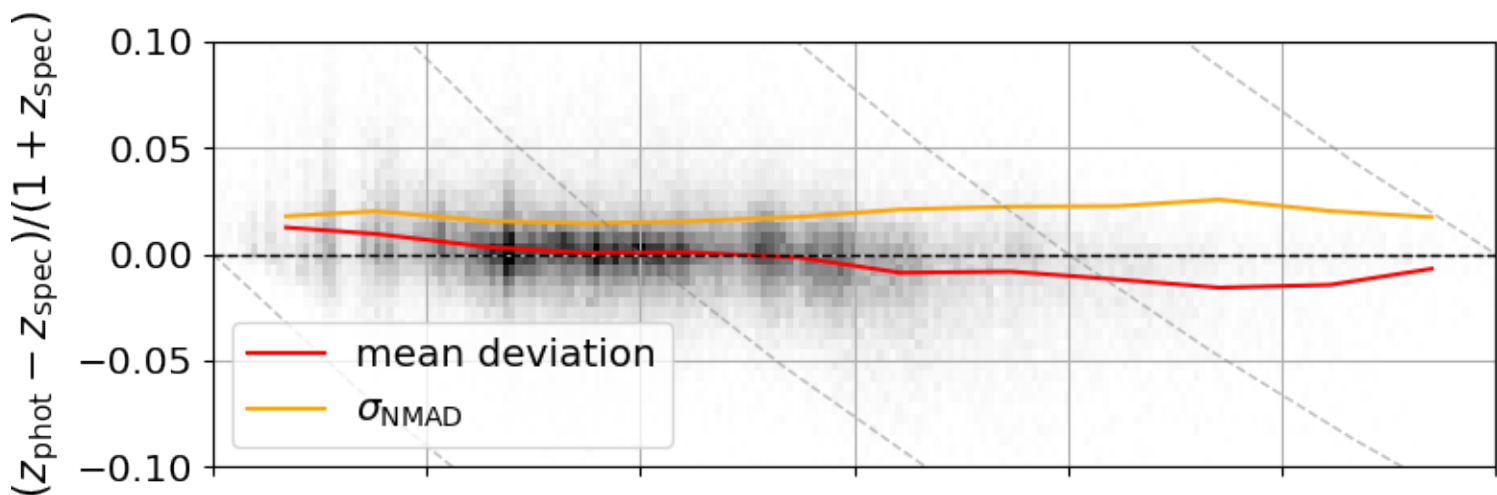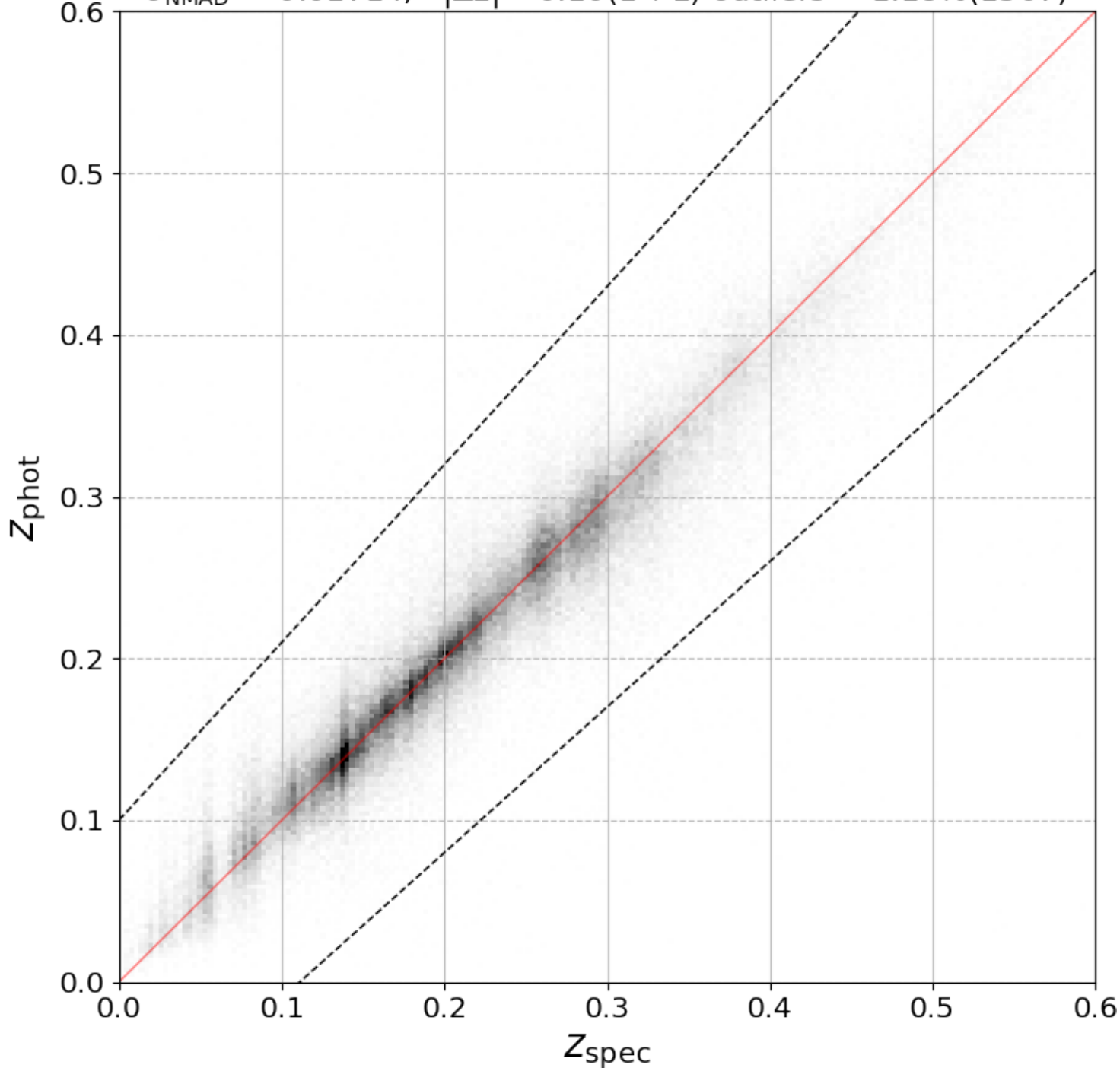VIPERS zmag<21 (LS south, 19166 objects)
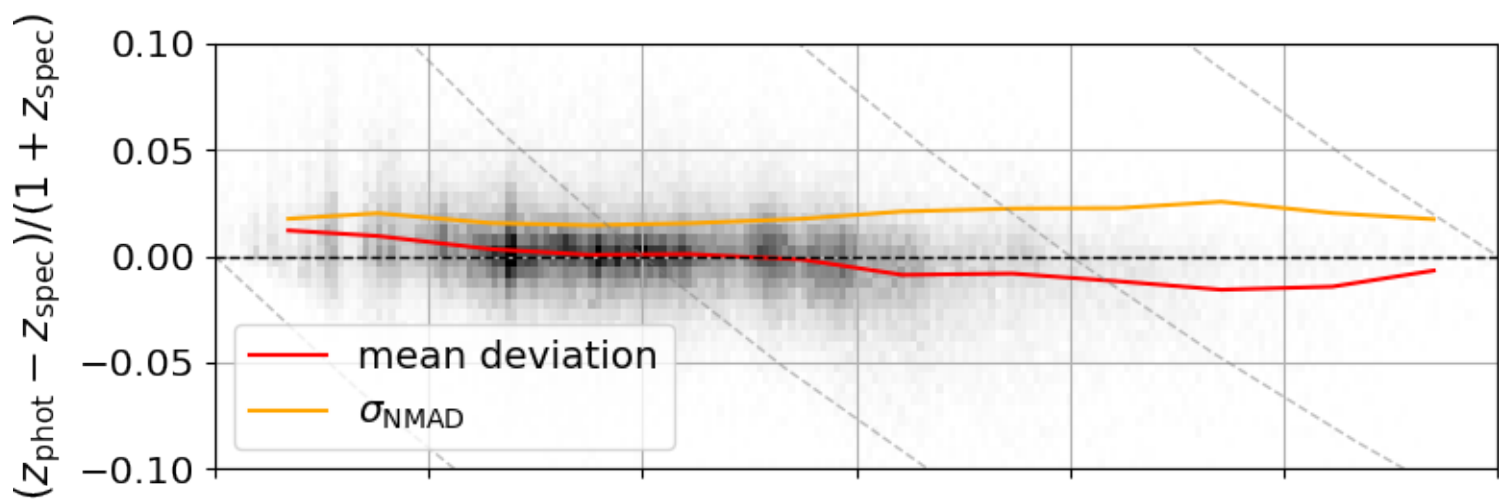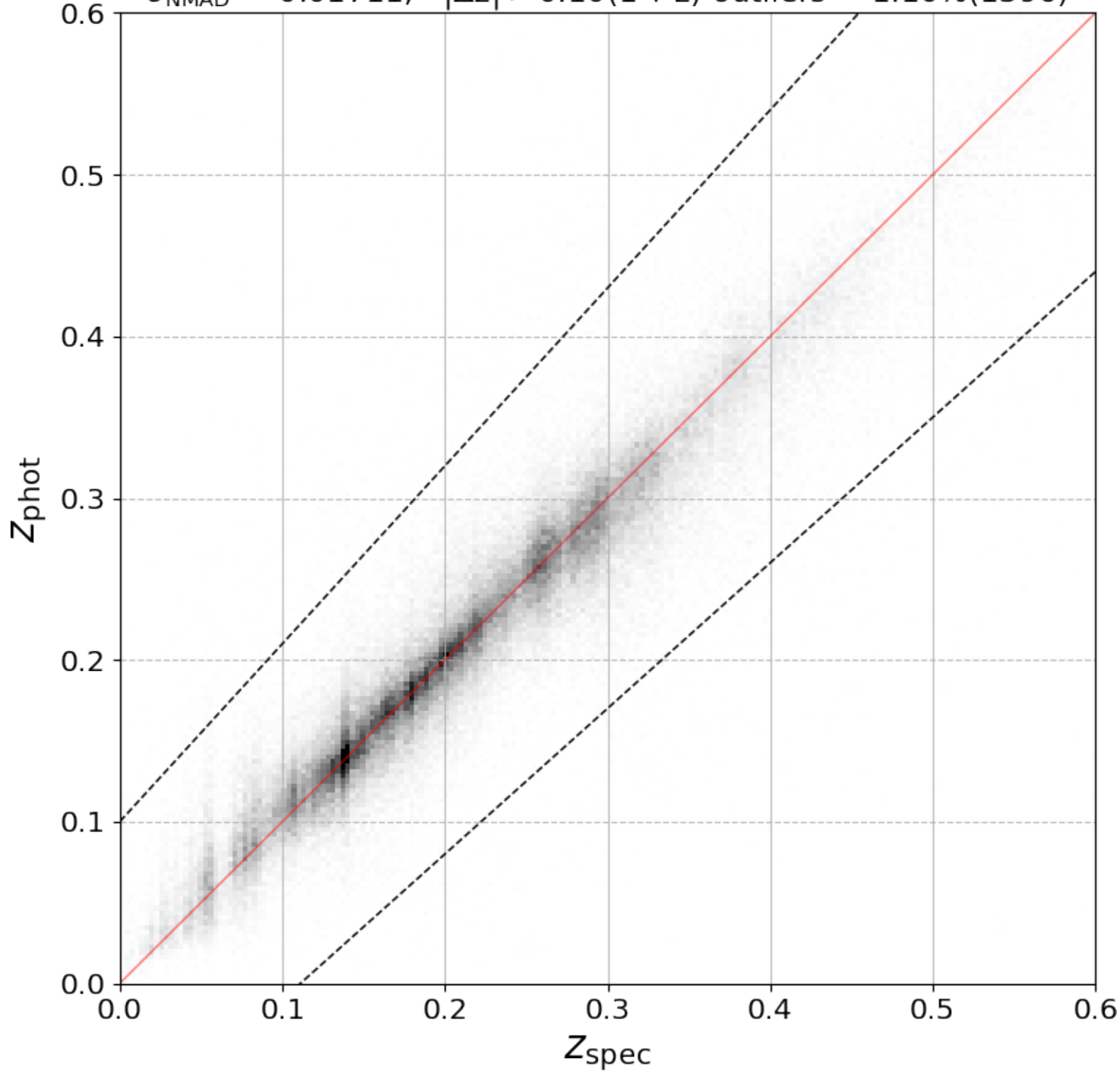$\sigma_{\mathrm{NMAD}} = 0.02284$; $|\Delta z| > 0.10(1 + z)$ outliers = 1.63%(313)

GAMA (LS south, 127642 objects)

$\sigma_{\mathrm{NMAD}} = 0.01714$; $|\Delta z| > 0.10(1 + z)$ outliers = 1.18%(1507)

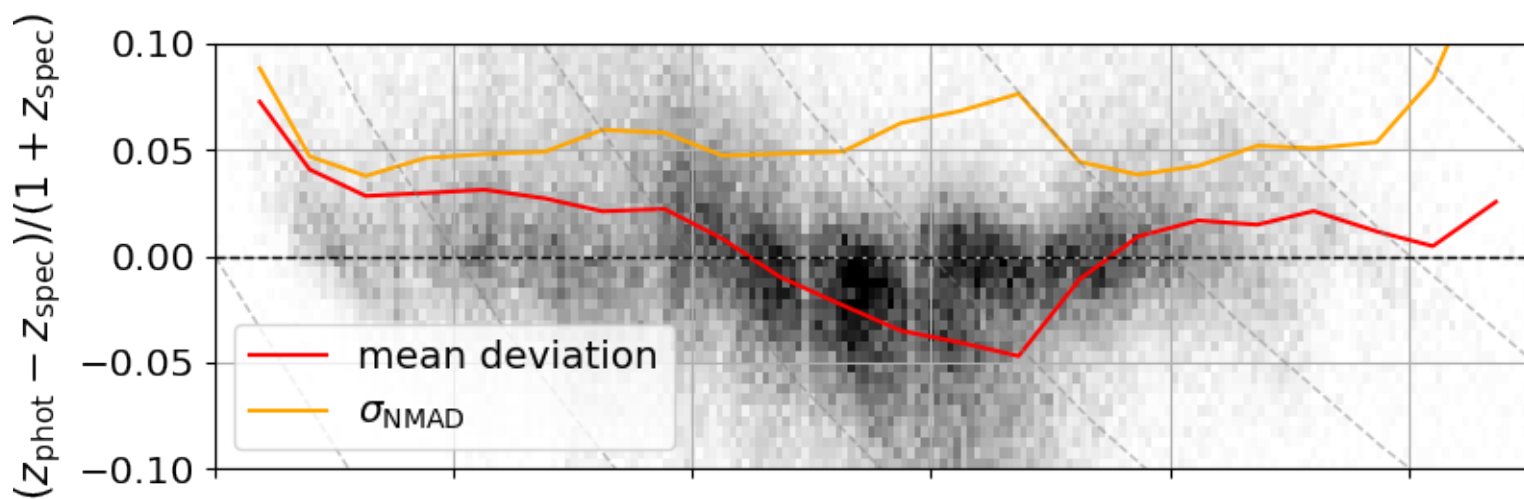GAMA zmag<21 (LS south, 127440 objects)

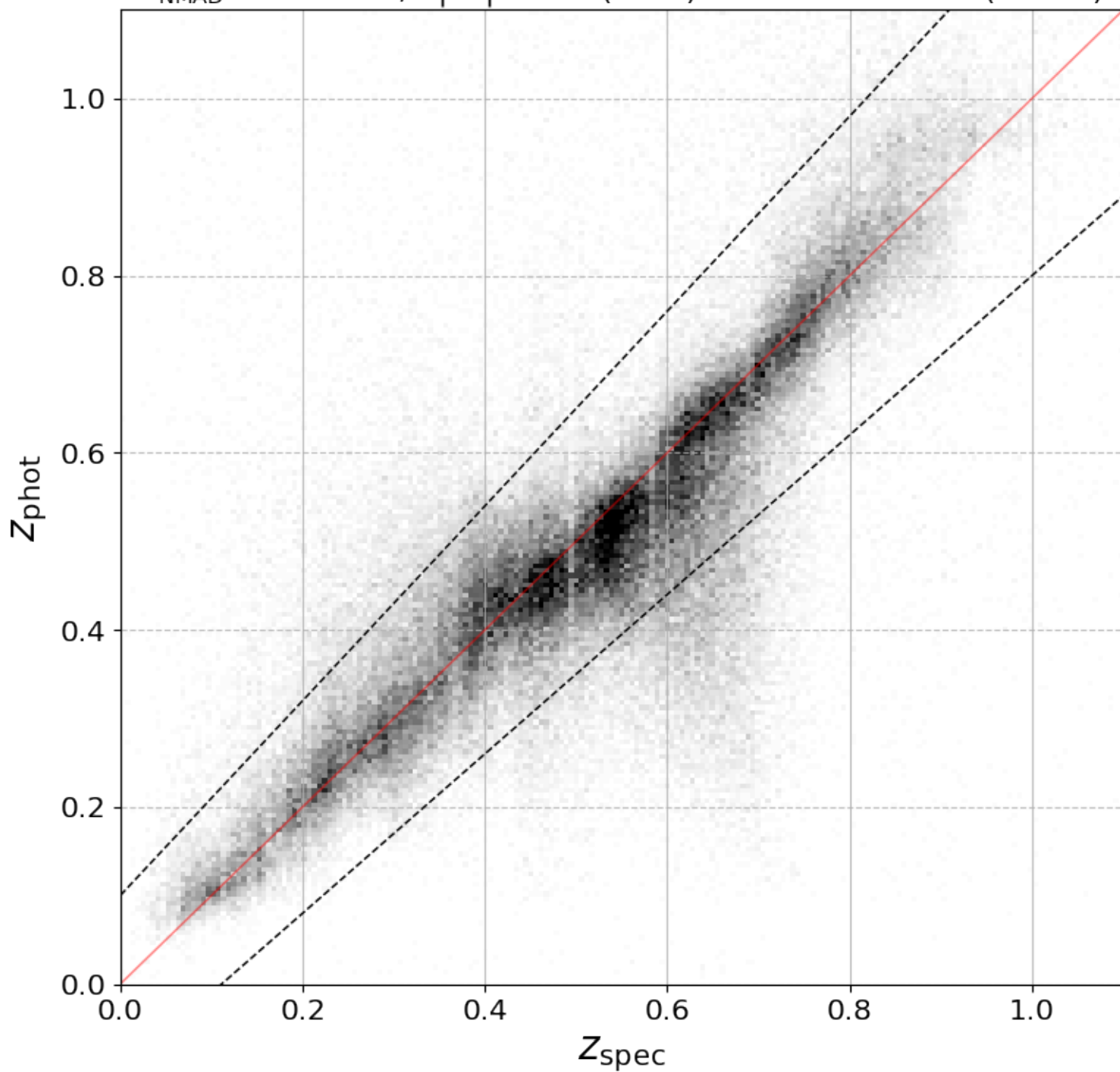$\sigma_{\mathrm{NMAD}} = 0.01711$; $|\Delta z| > 0.10(1 + z)$ outliers = 1.10%(1396)
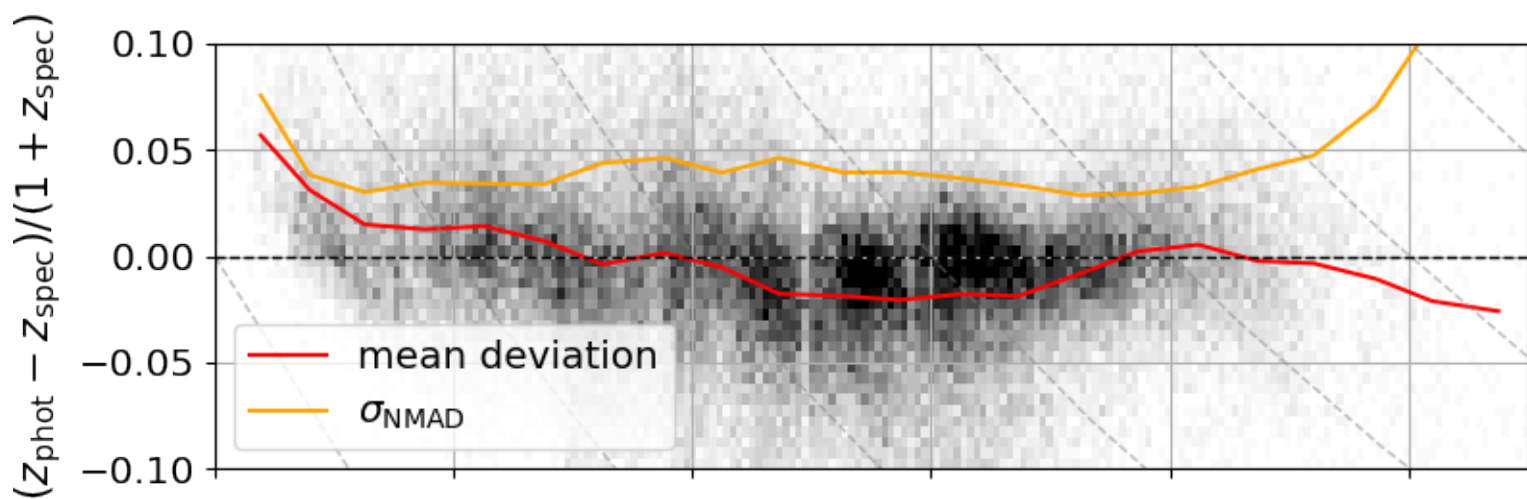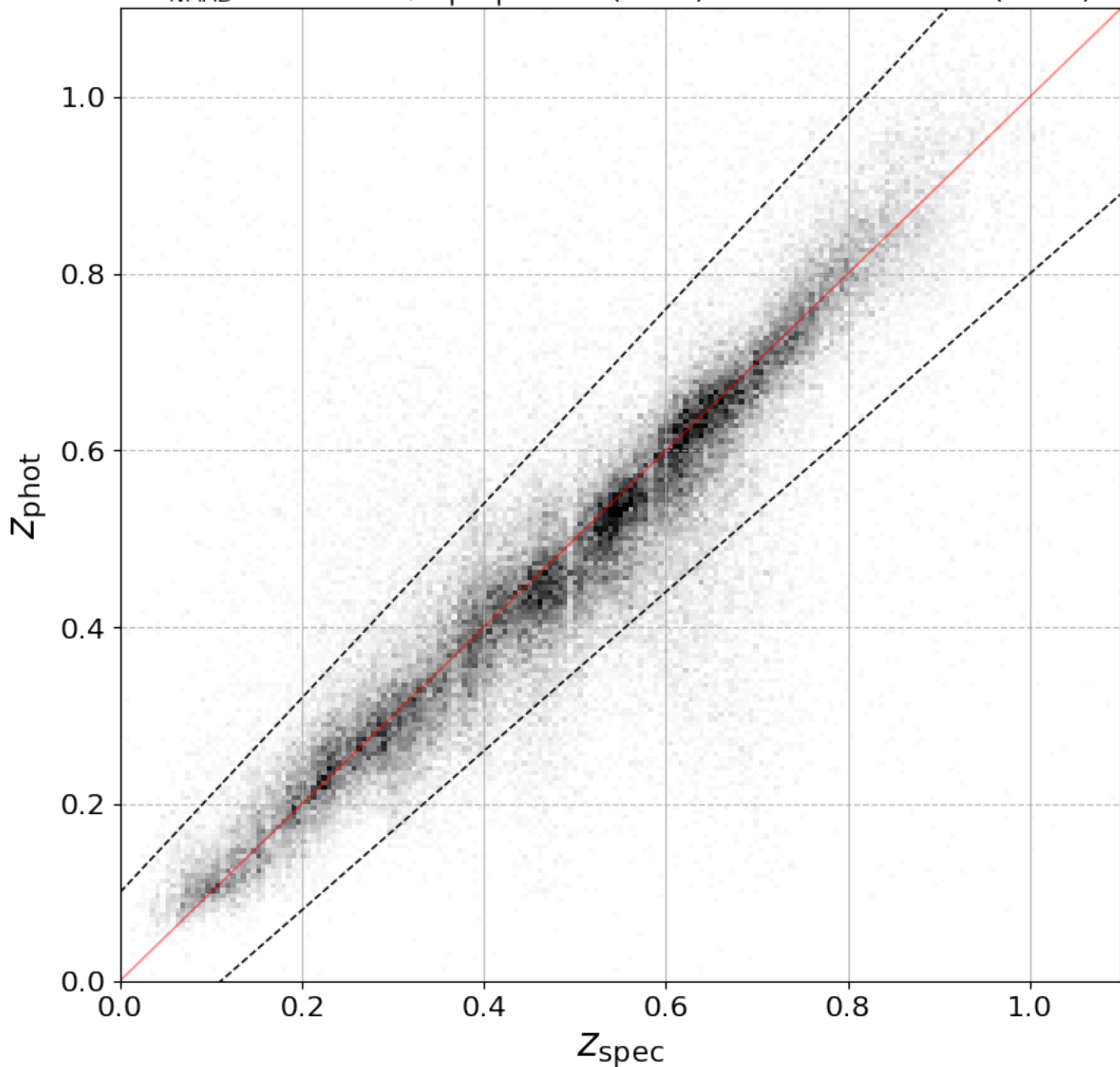
WiggleZ (LS south, 145850 objects)
$\sigma_{\mathrm{NMAD}} = 0.05298; \quad |\Delta z| > 0.10(1 + z)$ outliers $= 18.51\%(26994)$
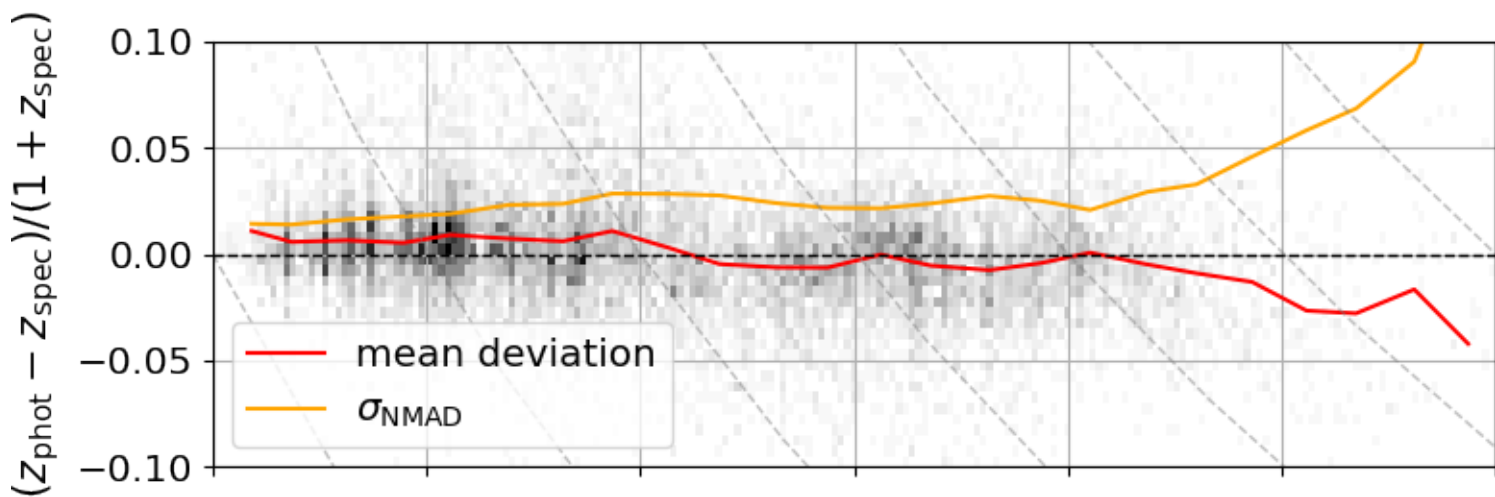
WiggleZ zmag<21 (LS south, 75668 objects)

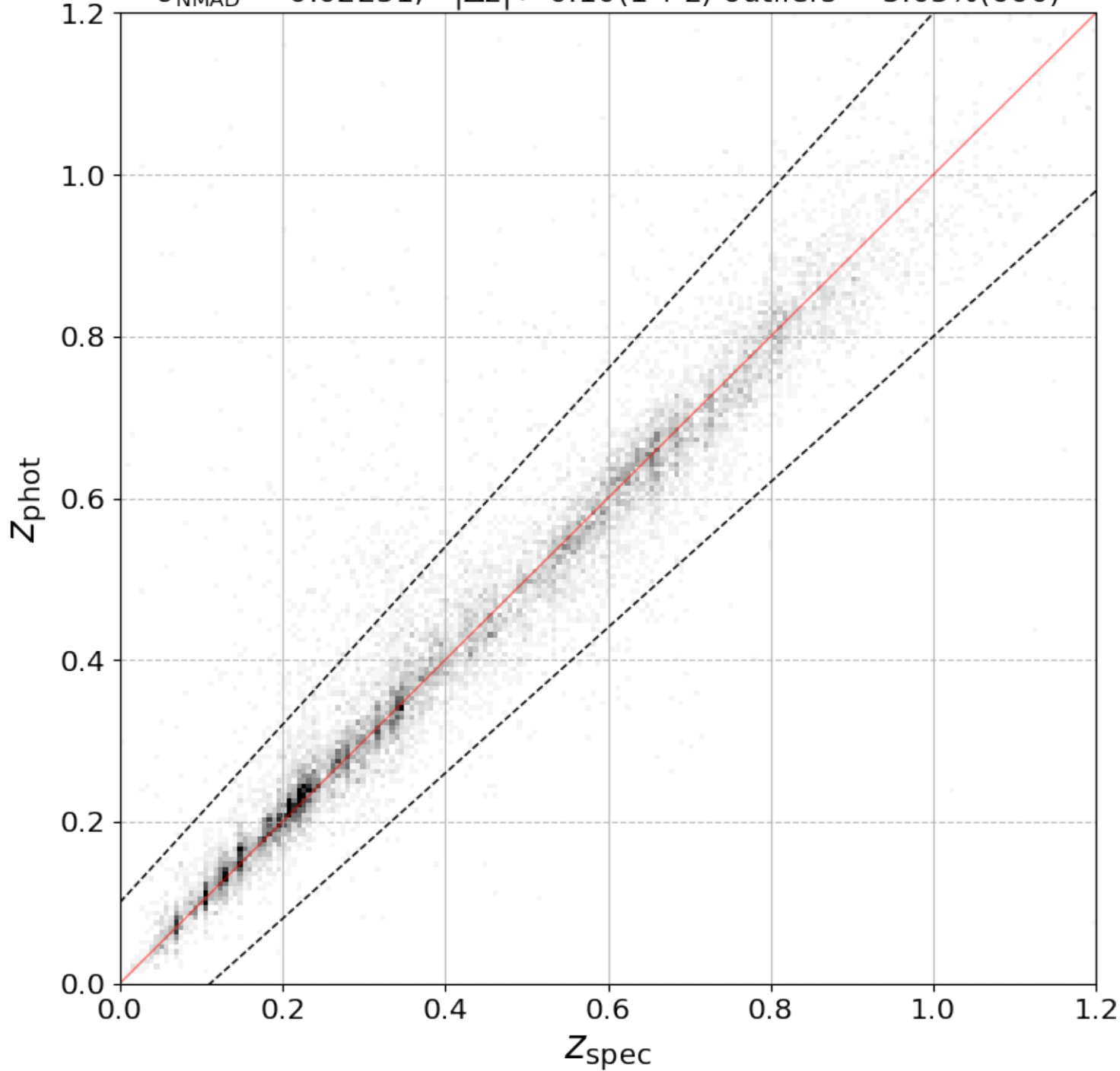$\sigma_{\mathrm{NMAD}} = 0.03775;\quad |\Delta z| > 0.10(1+z)$ outliers = 10.15%(7680)

OzDES (LS south, 13062 objects)

$\sigma_{\mathrm{NMAD}} = 0.02251; \quad |\Delta z| > 0.10(1 + z)$ outliers $= 5.05\%(660)$

OzDES zmag<21 (LS south, 11107 objects)
$\sigma_{\mathrm{NMAD}} = 0.01968$; $|\Delta z| > 0.10(1+z)$ outliers = 2.18%(242)

2dFLenS (LS south, 28573 objects)
$\sigma_{\mathrm{NMAD}} = 0.01365;$ $|\Delta z| > 0.10(1 + z)$ outliers = 1.43%(408)

2dFLenS zmag<21 (LS south, 28485 objects)

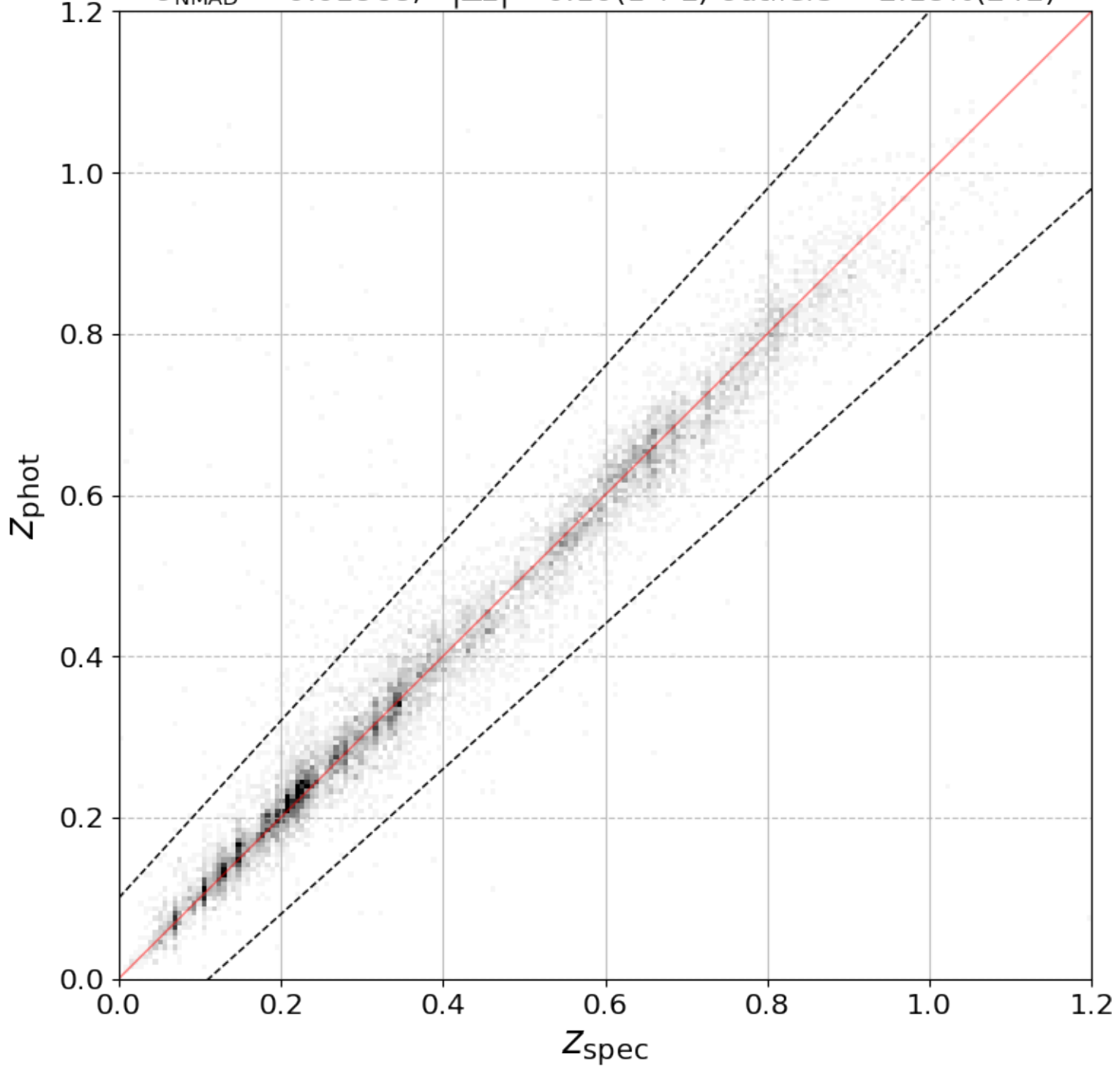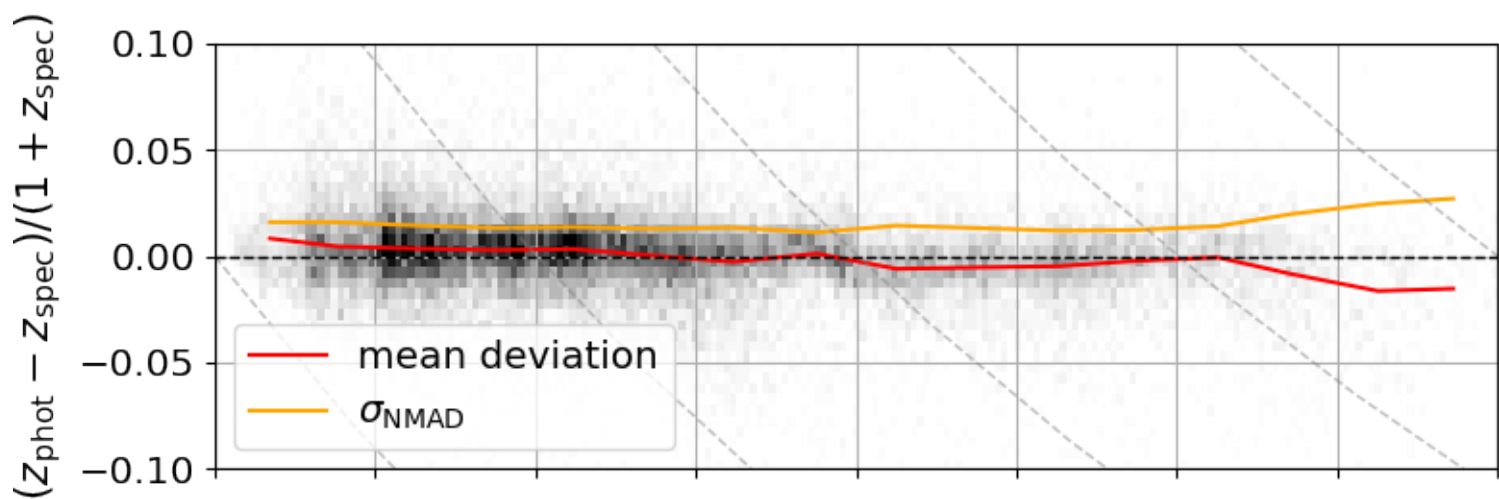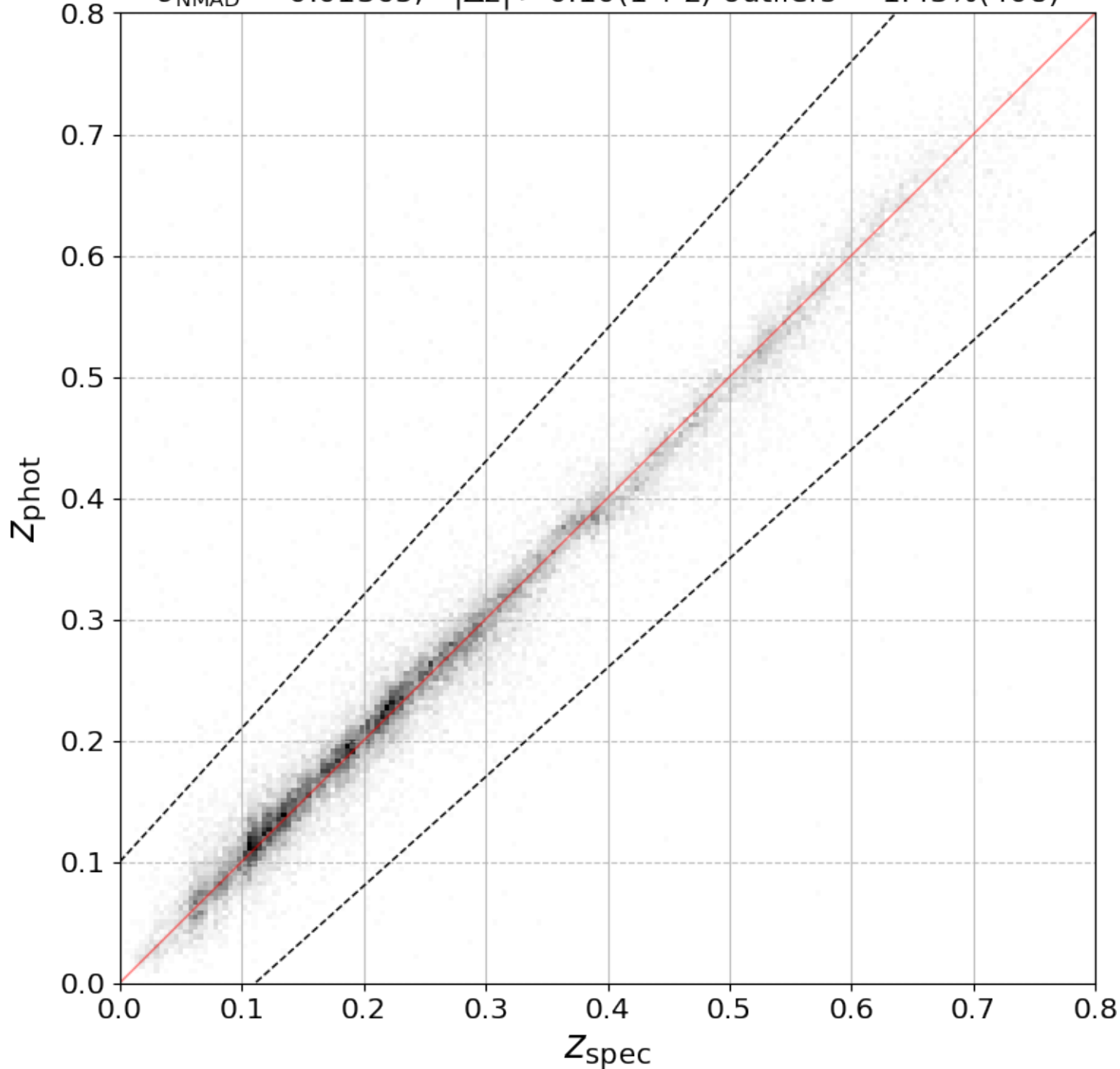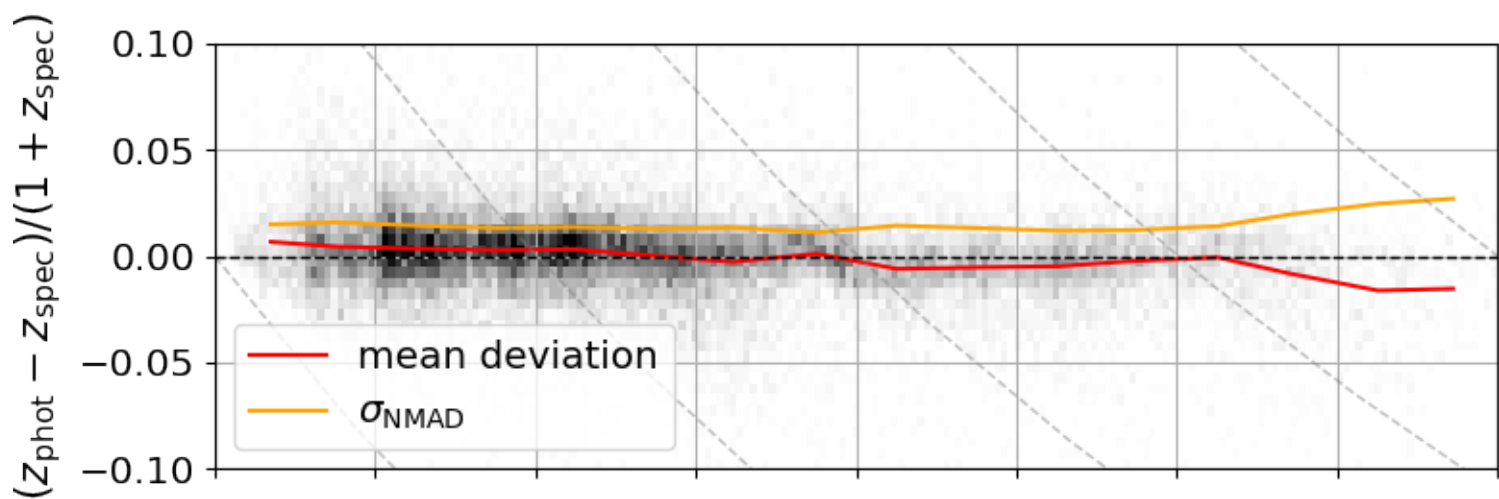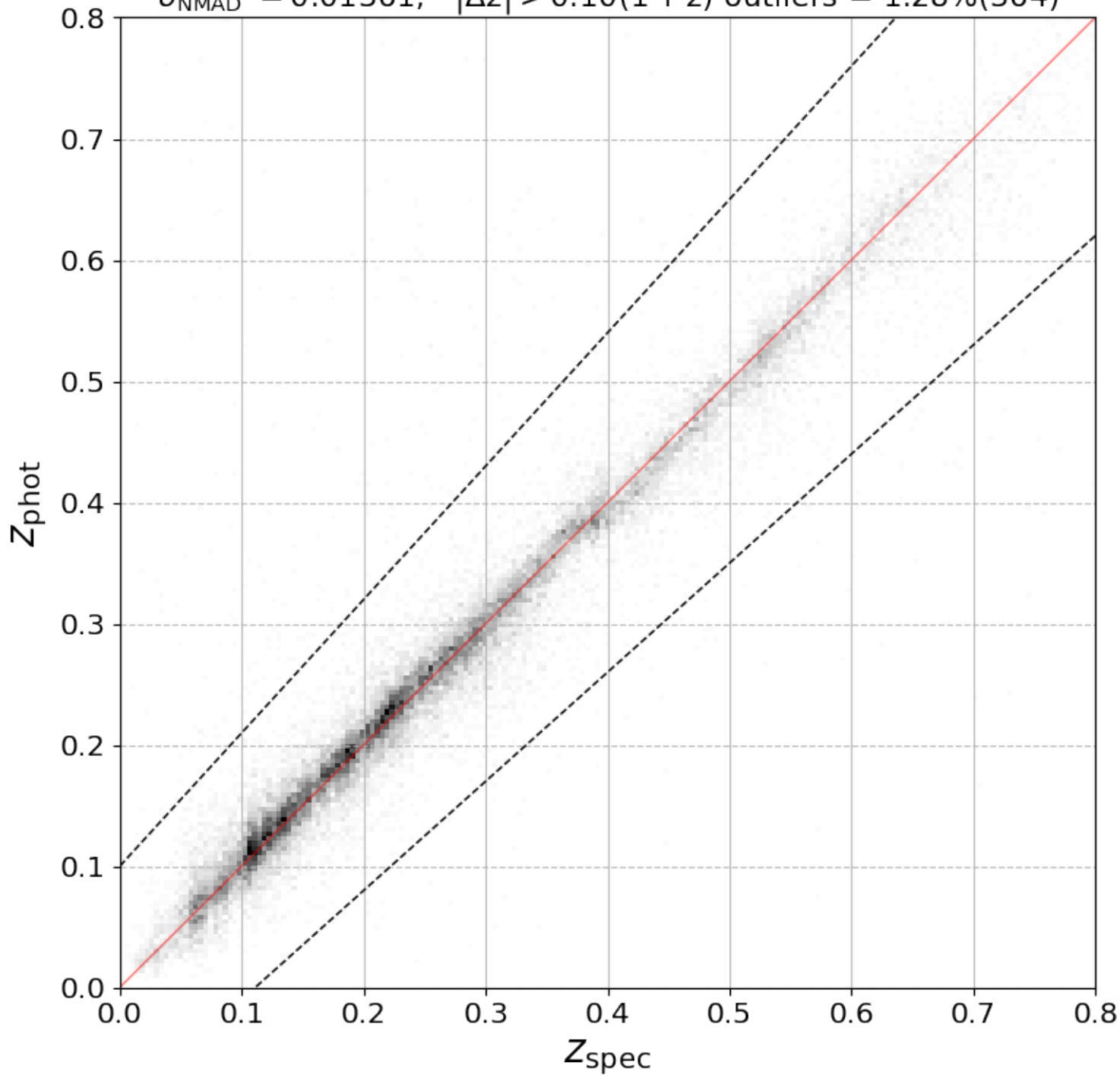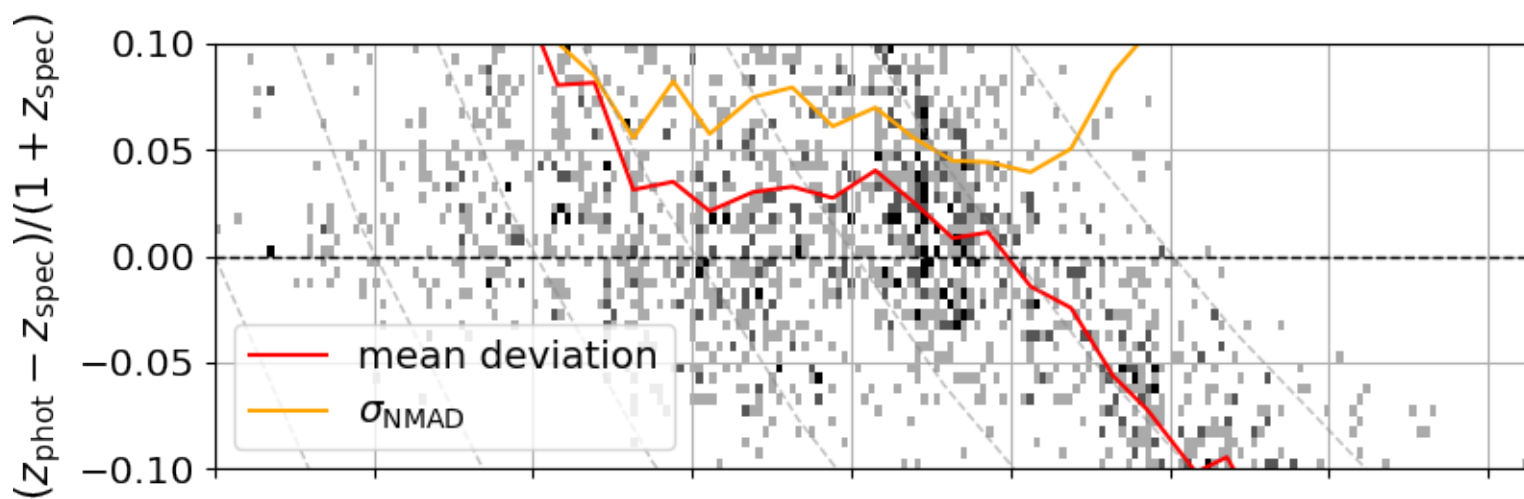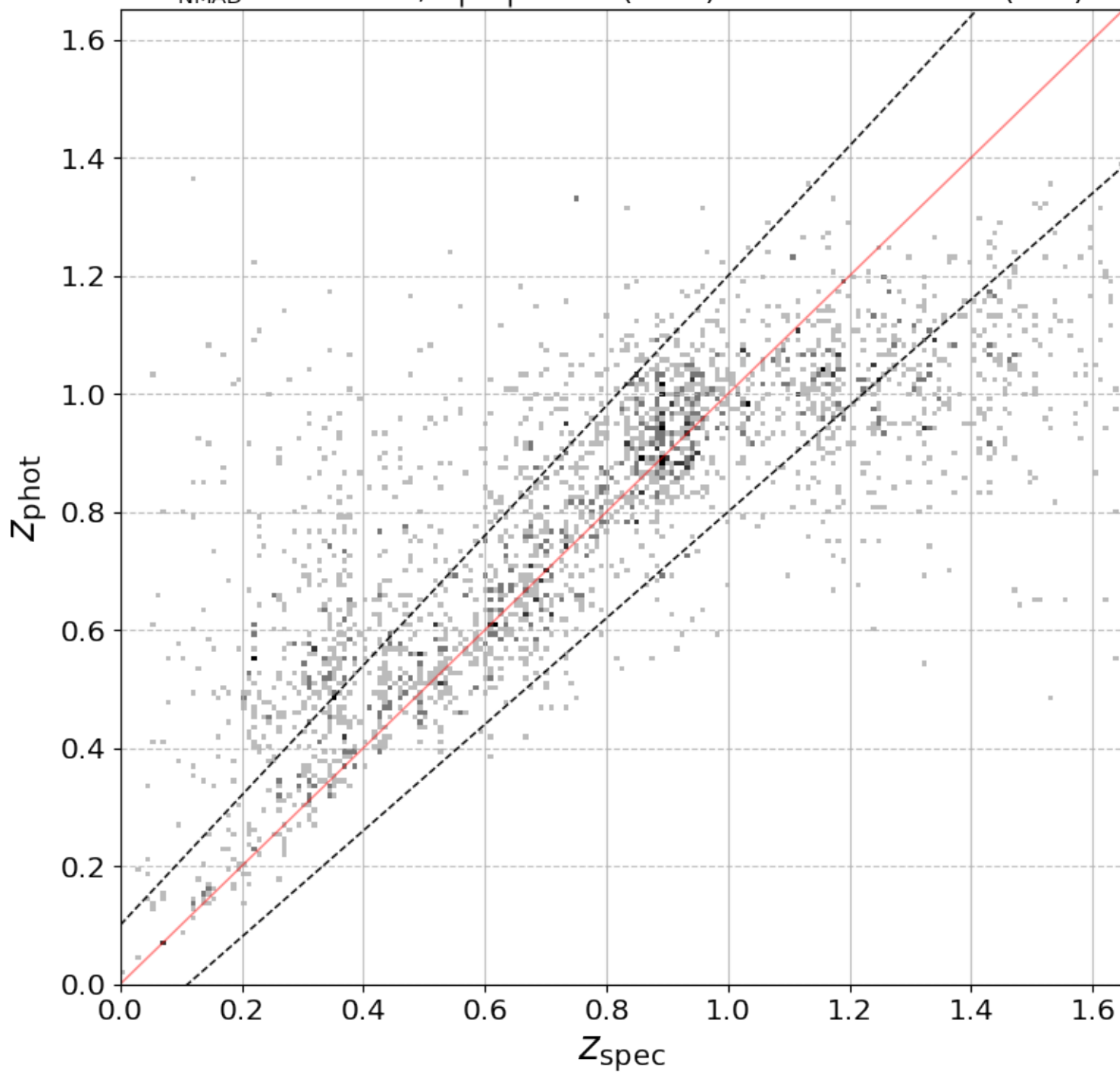$\sigma_{\mathrm{NMAD}} = 0.01361;$ $|\Delta z| > 0.10(1 + z)$ outliers $= 1.28\%(364)$
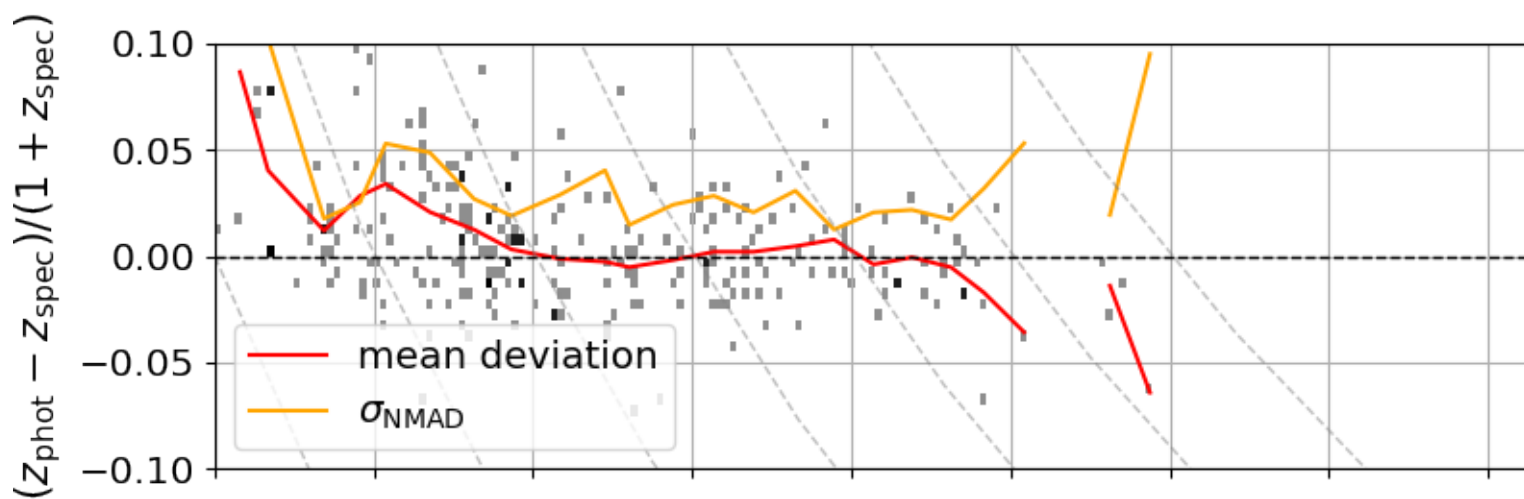
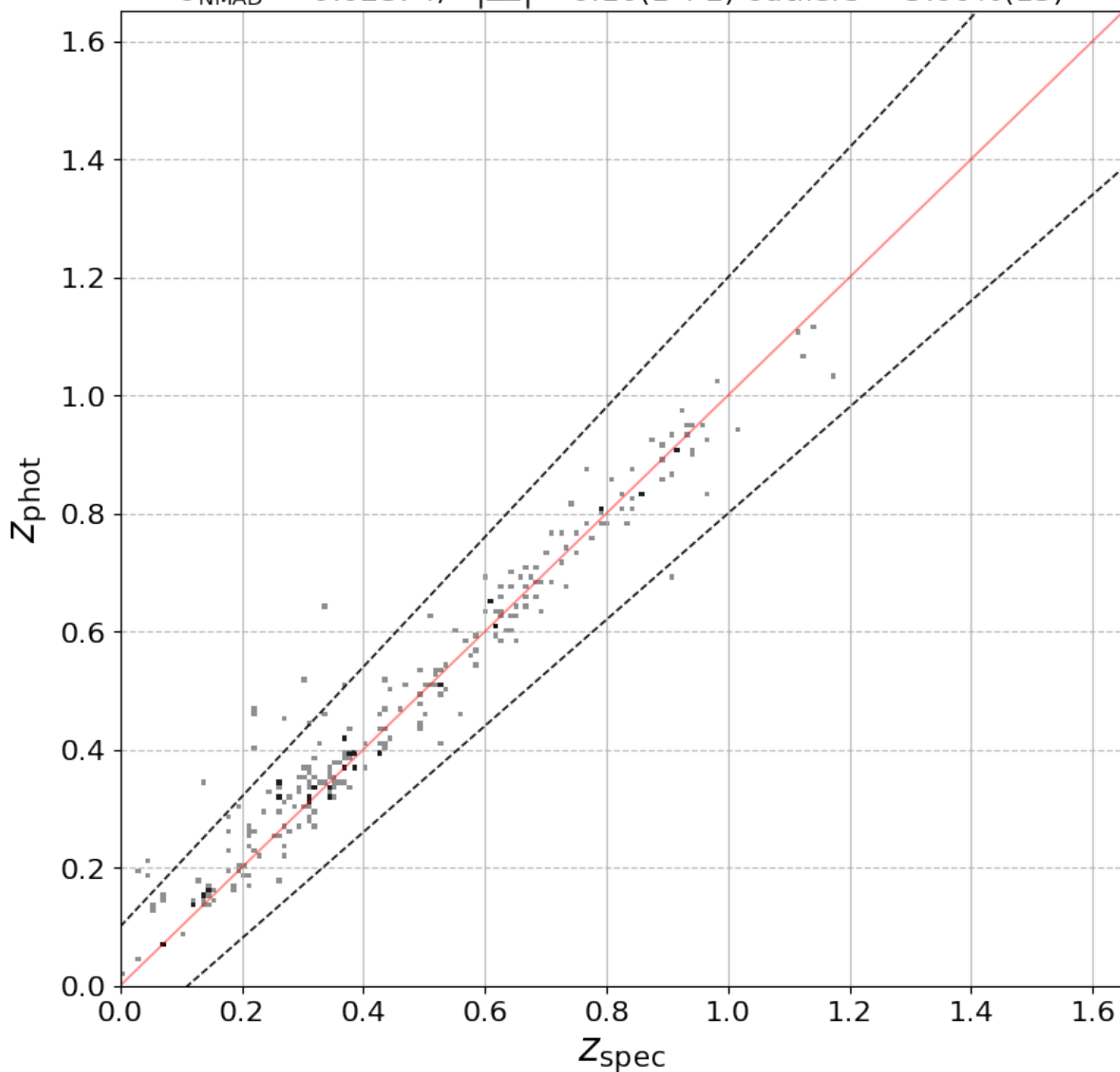C3R2 (LS south, 2551 objects)

$\sigma_{\mathrm{NMAD}} = 0.10115; \quad |\Delta z| > 0.10(1+z)$ outliers $= 38.06\%(971)$
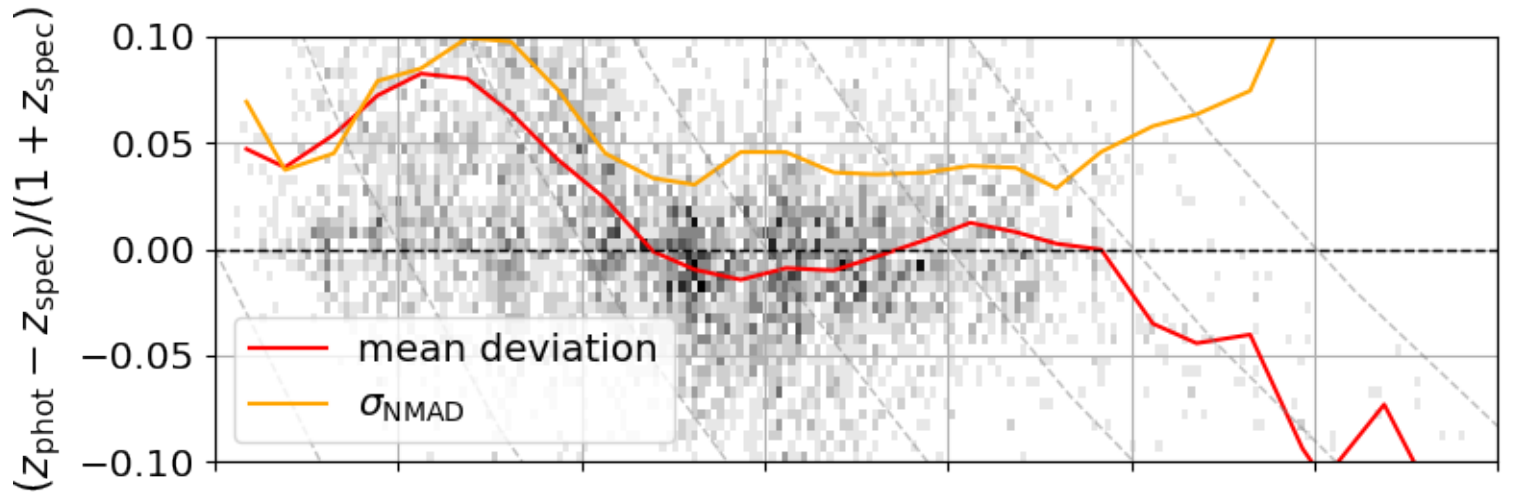
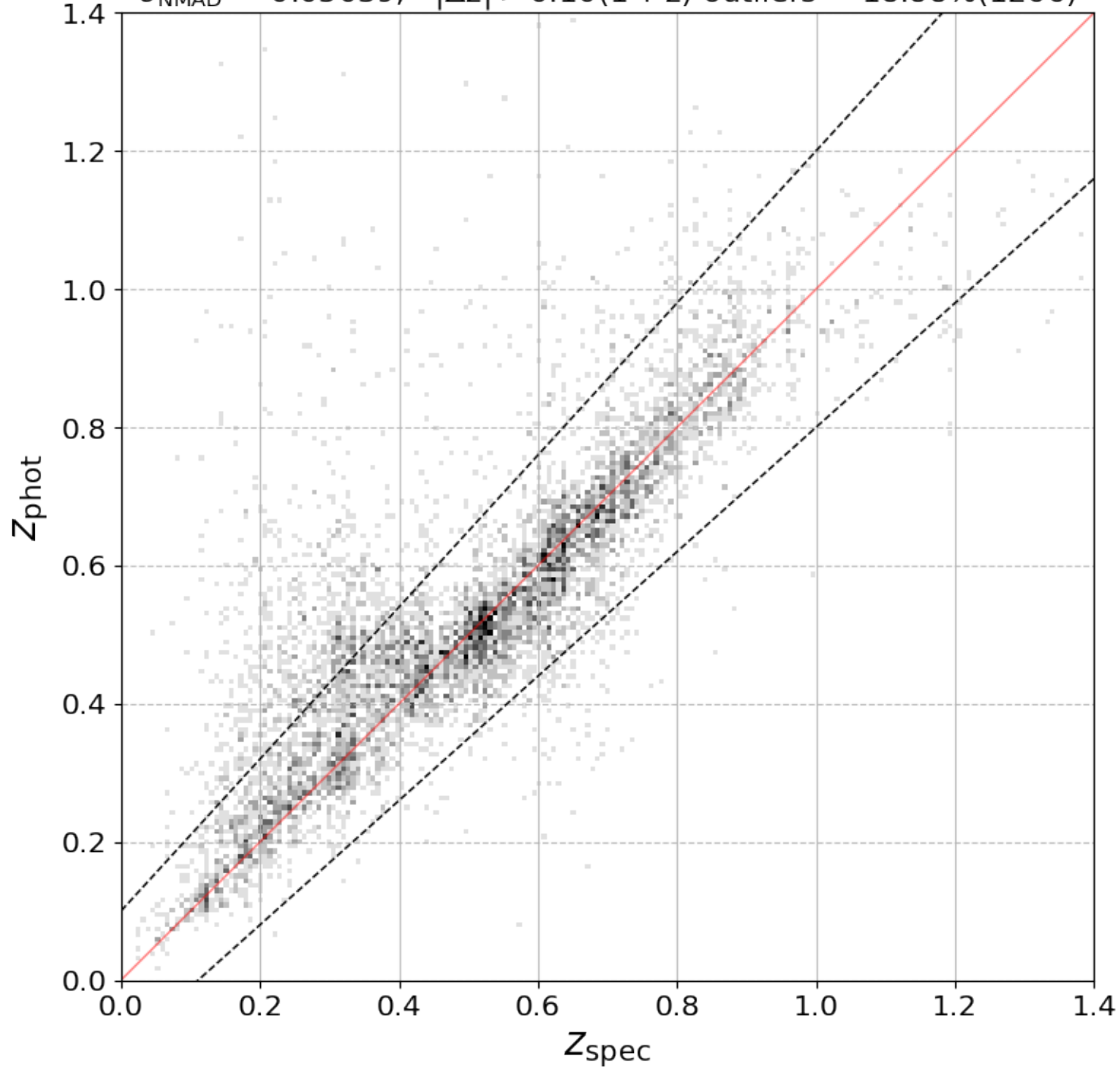C3R2 zmag<21 (LS south, 260 objects)
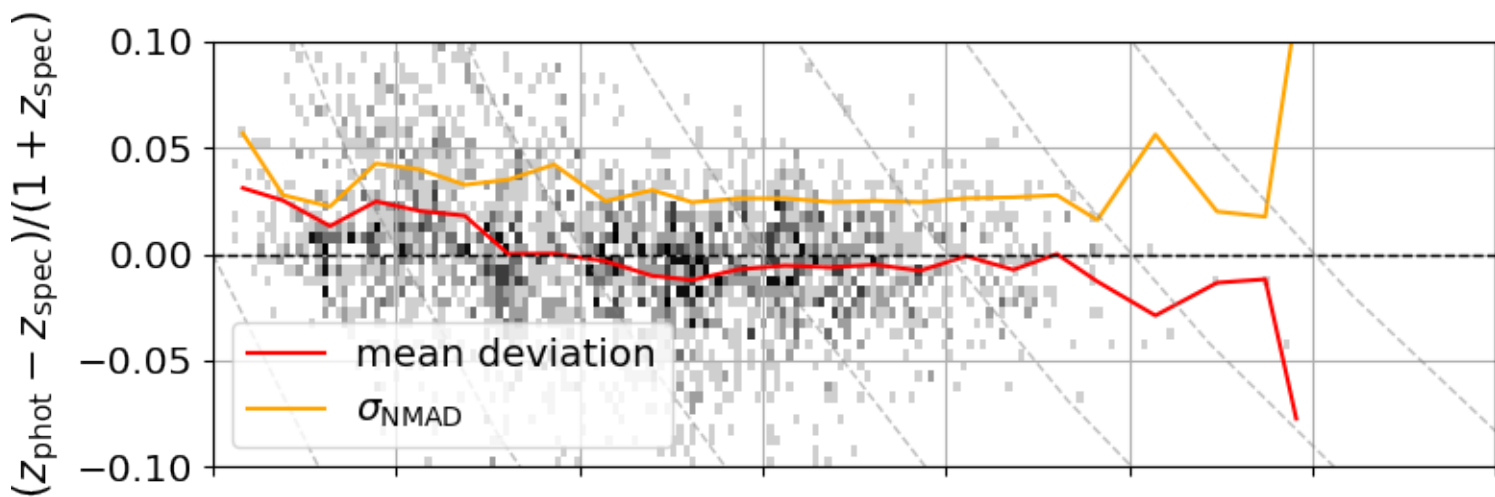$\sigma_{\mathrm{NMAD}} = 0.02574;$ $|\Delta z| > 0.10(1 + z)$ outliers = 5.00%(13)

VVDS (LS south, 6705 objects)

$\sigma_{\mathrm{NMAD}} = 0.05039;\quad |\Delta z| > 0.10(1+z)$ outliers $= 18.88\%(1266)$

Vertical axis (top): z_{phot}
Horizontal axis: z_{spec}

Vertical axis (bottom): $(z_{\mathrm{phot}} - z_{\mathrm{spec}})/(1 + z_{\mathrm{spec}})$

Legend:
— mean deviation
— σ_{NMAD}

VVDS zmag<21 (LS south, 2727 objects)
$\sigma_{\mathrm{NMAD}} = 0.02947; \quad |\Delta z| > 0.10(1+z)$ outliers $= 4.91\%(134)$

COSMOS2015 (LS south, 64426 objects)

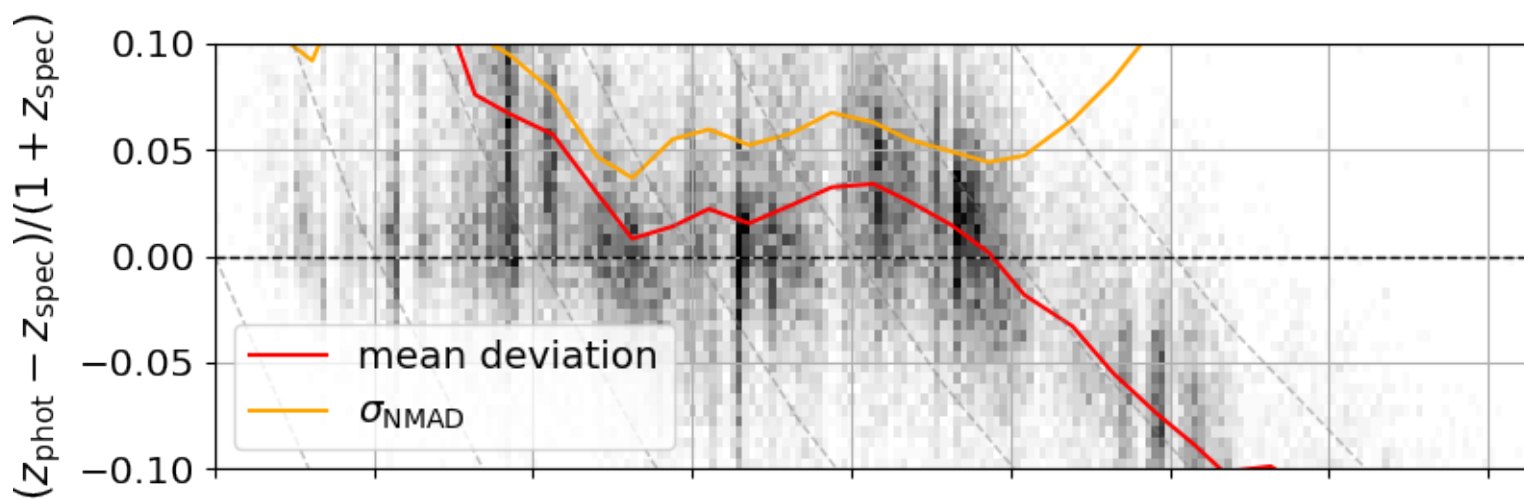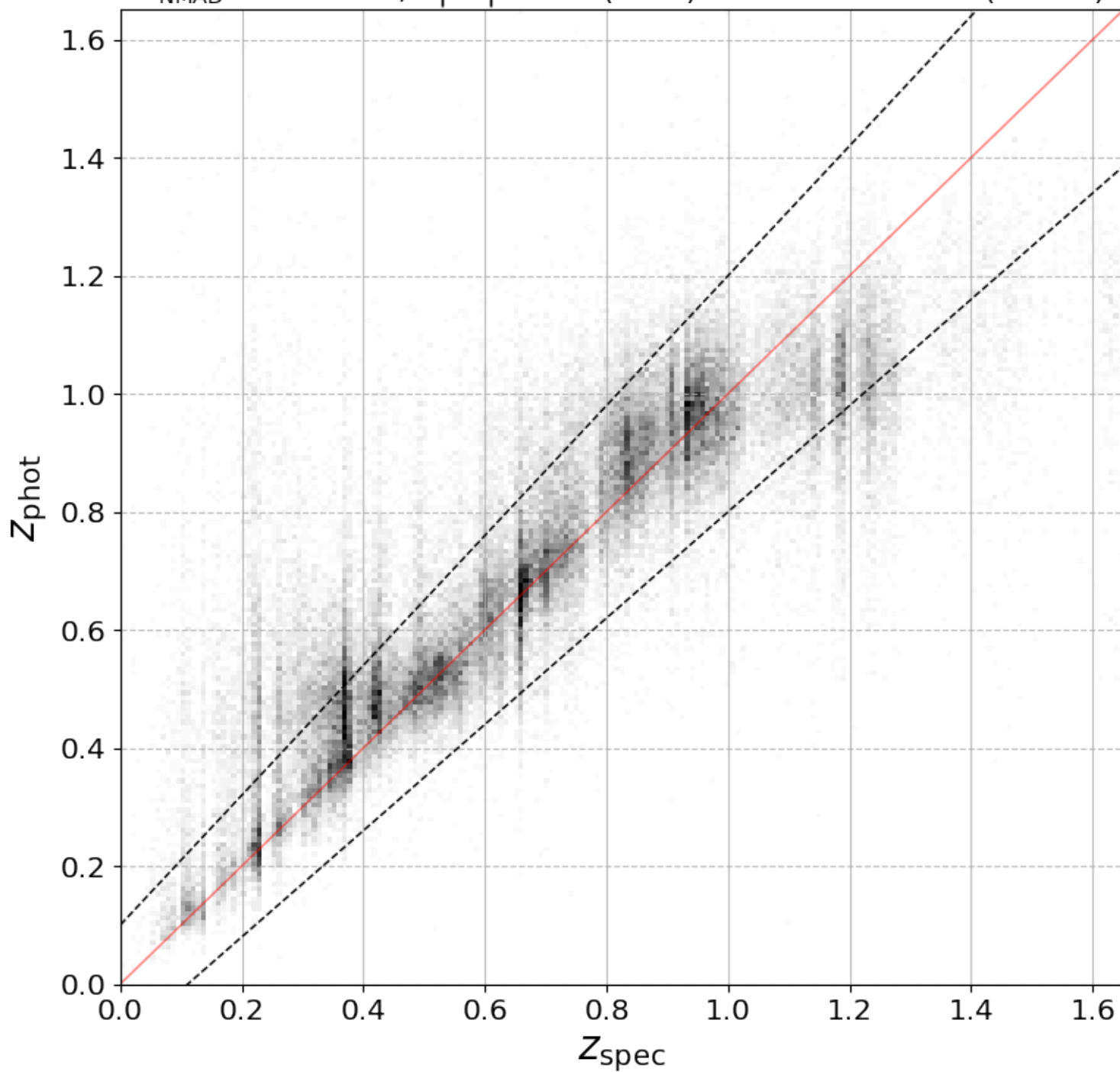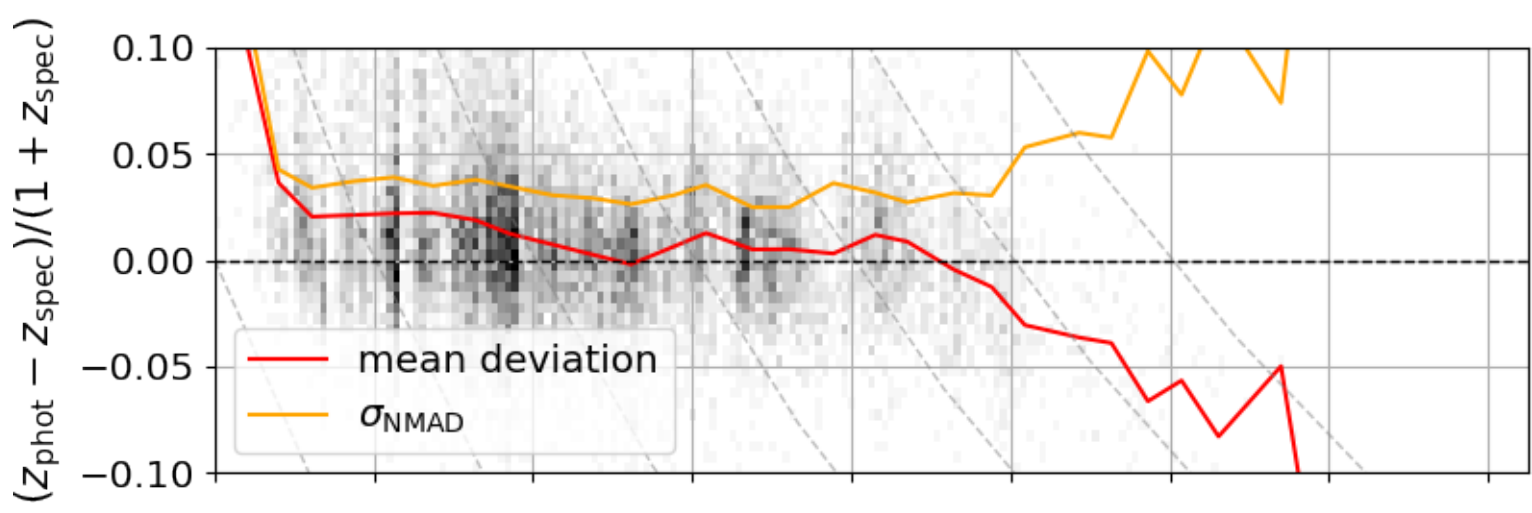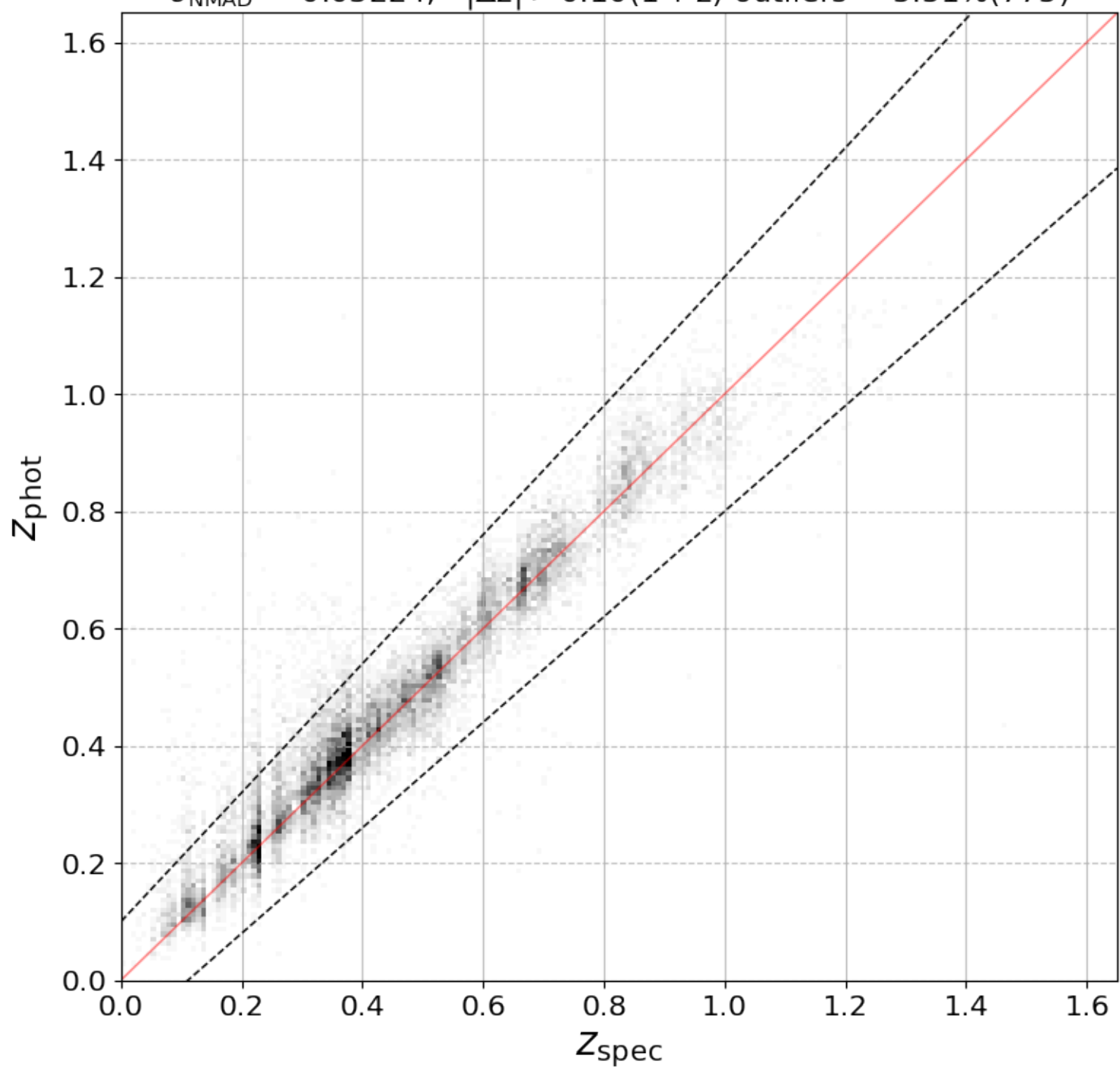$\sigma_{\text{NMAD}} = 0.07168;$ $|\Delta z| > 0.10(1 + z)$ outliers $= 25.41\%(16372)$

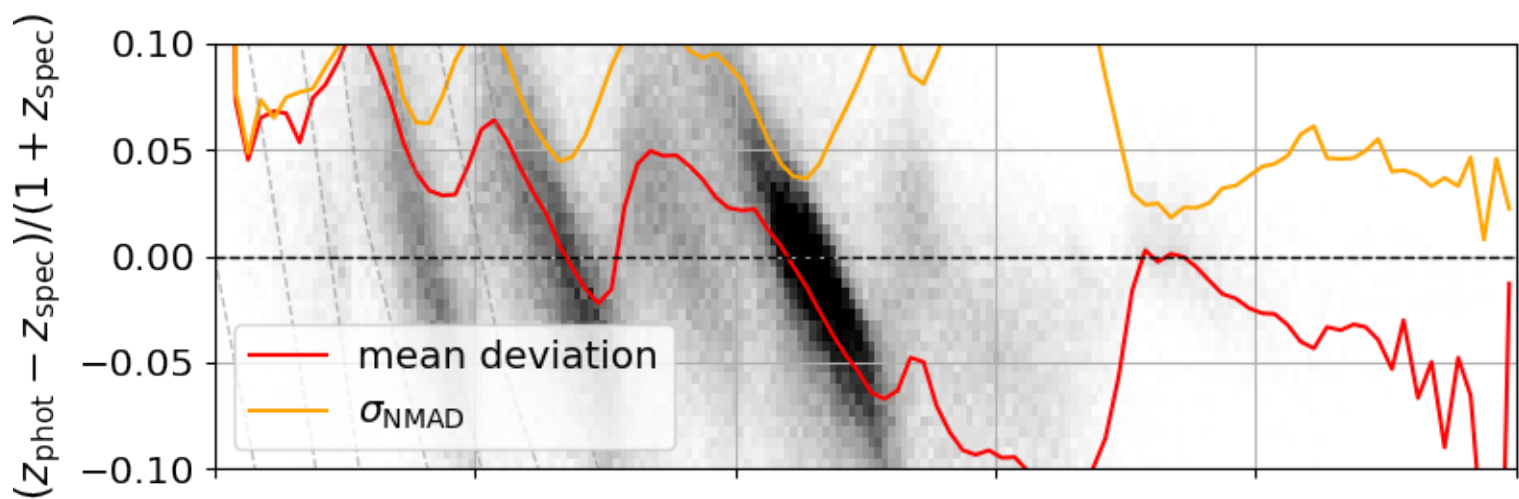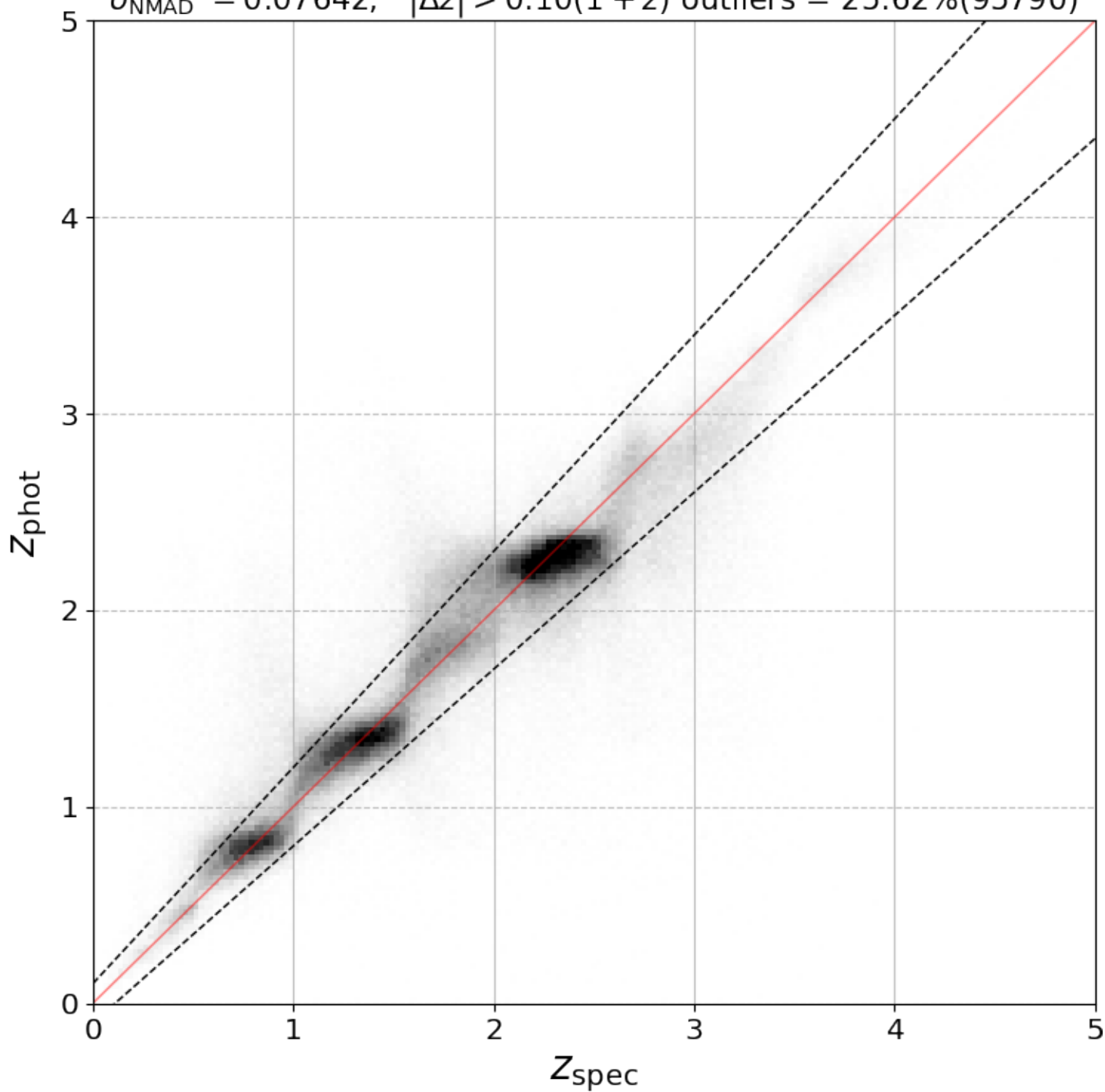COSMOS2015 zmag<21 (LS south, 14065 objects)
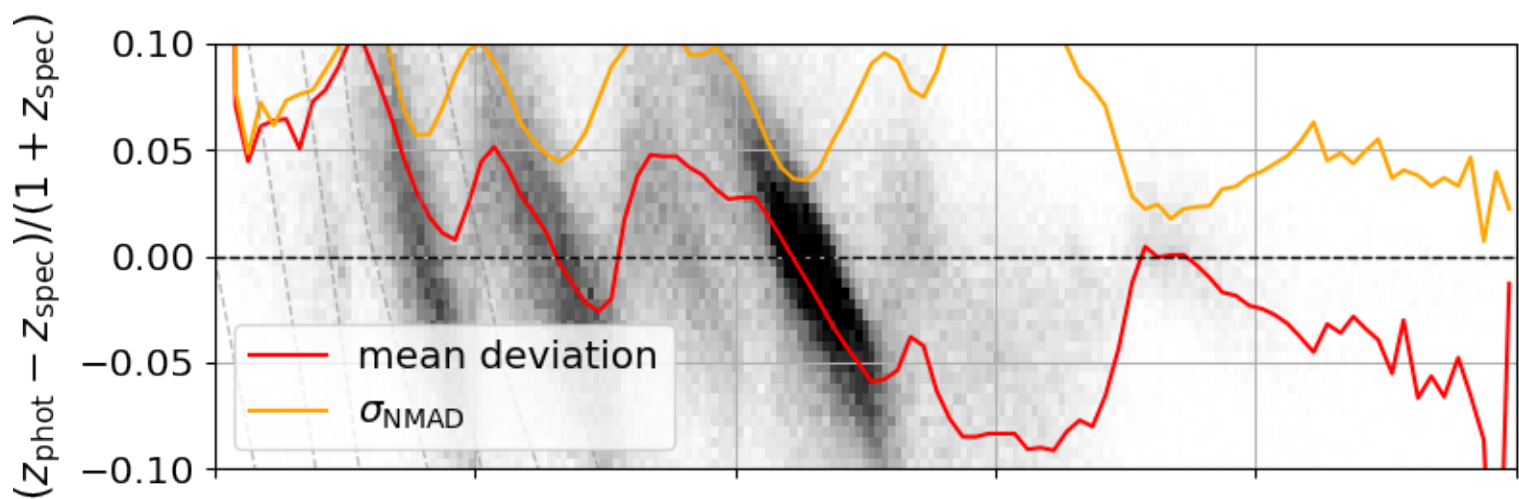$\sigma_{\text{NMAD}} = 0.03224$; $|\Delta z| > 0.10(1 + z)$ outliers = 5.51%(775)

SDSS-QSO (LS south, 373930 objects)
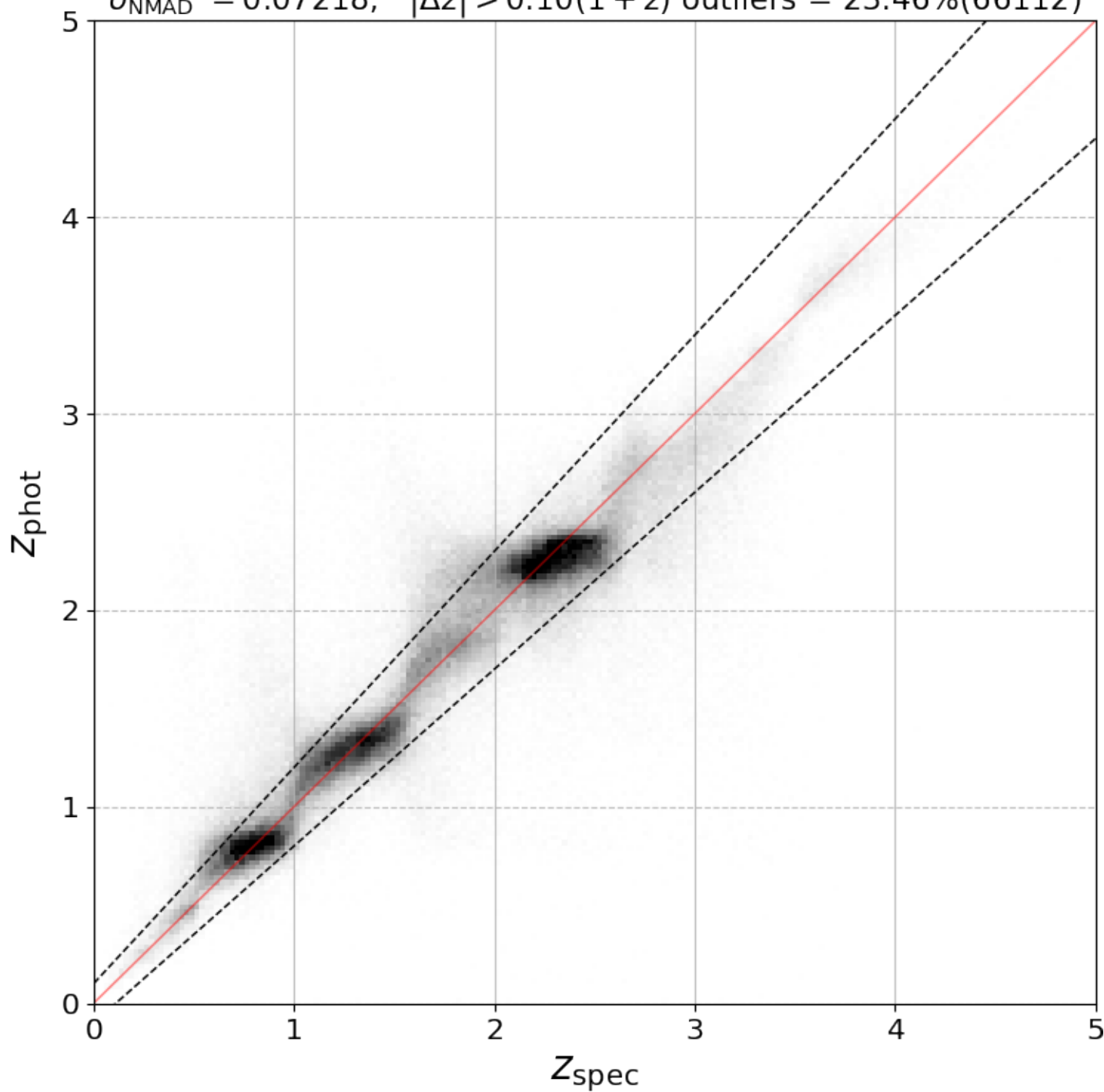
$\sigma_{\mathrm{NMAD}} = 0.07642;$ $|\Delta z| > 0.10(1 + z)$ outliers $= 25.62\%(95790)$
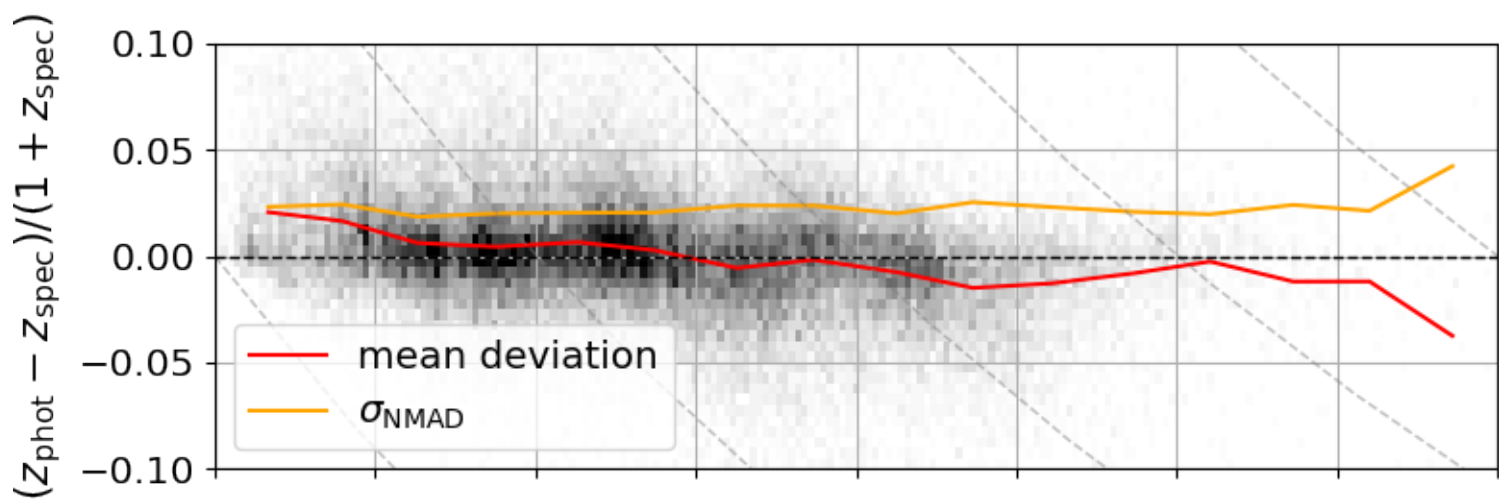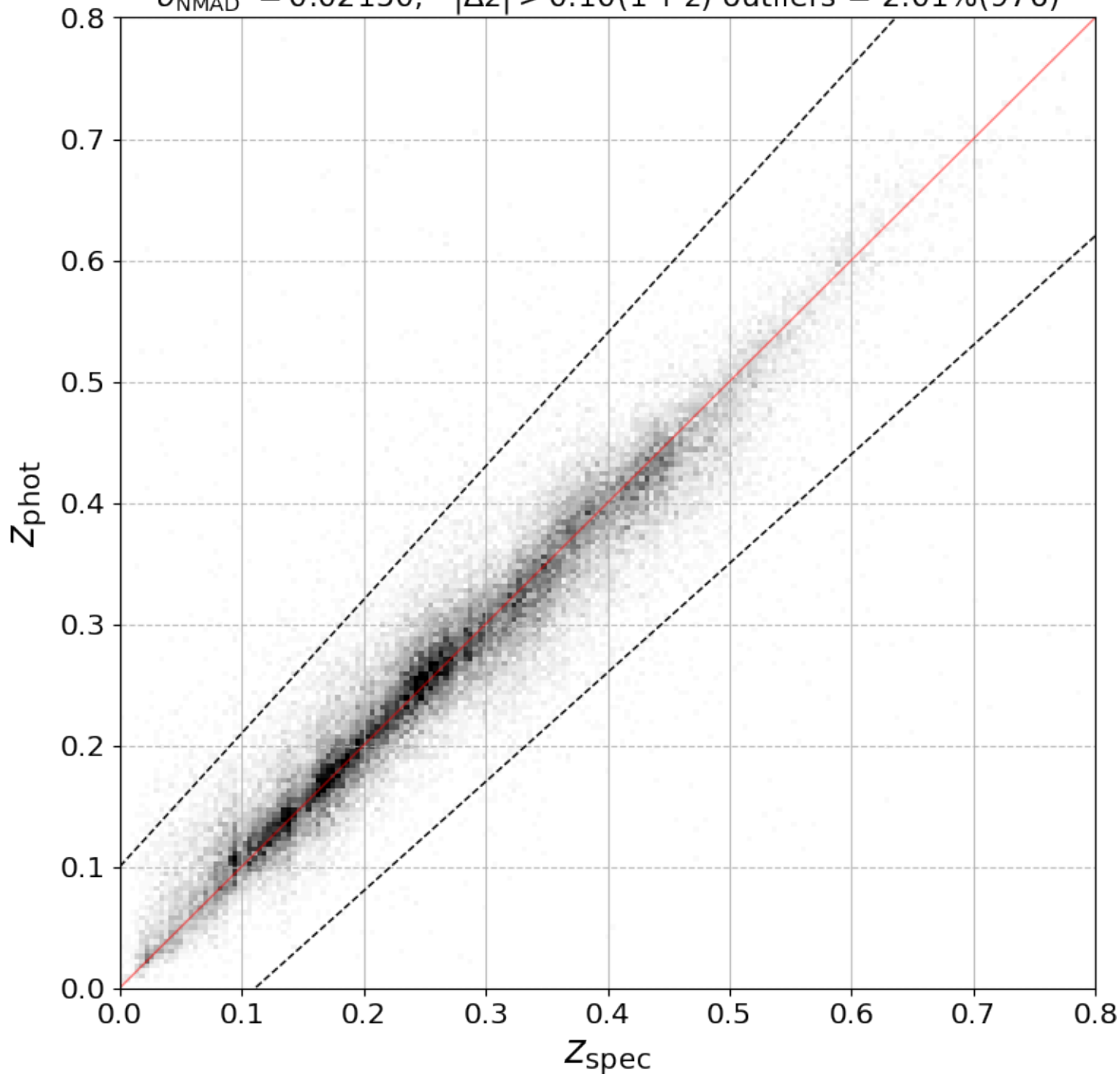
SDSS-QSO zmag<21 (LS south, 281749 objects)
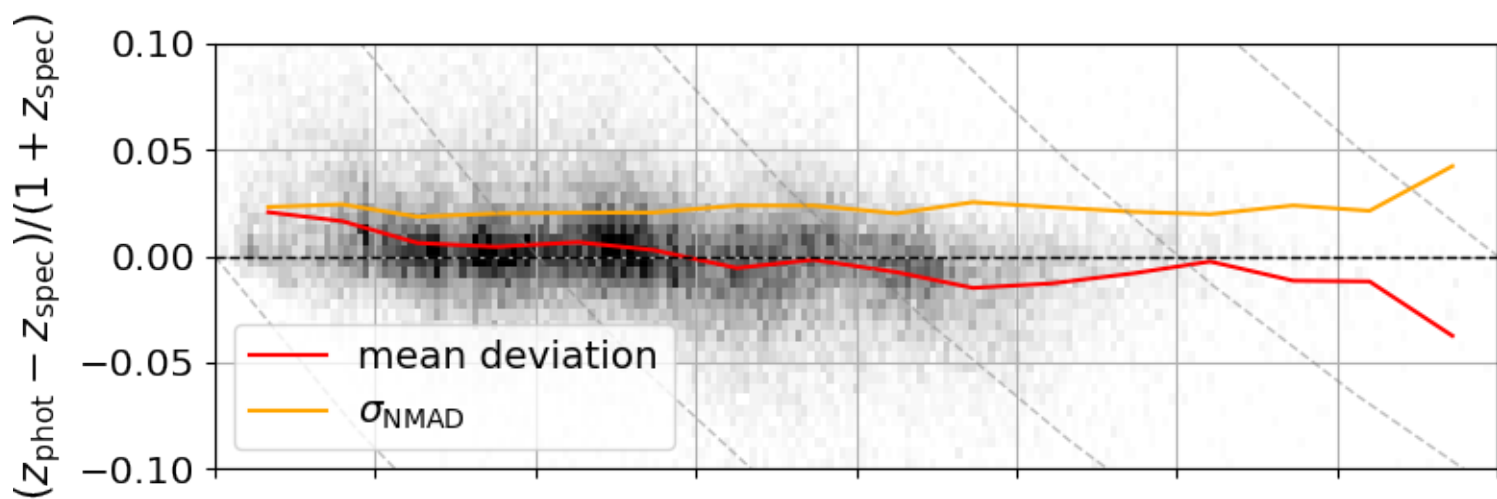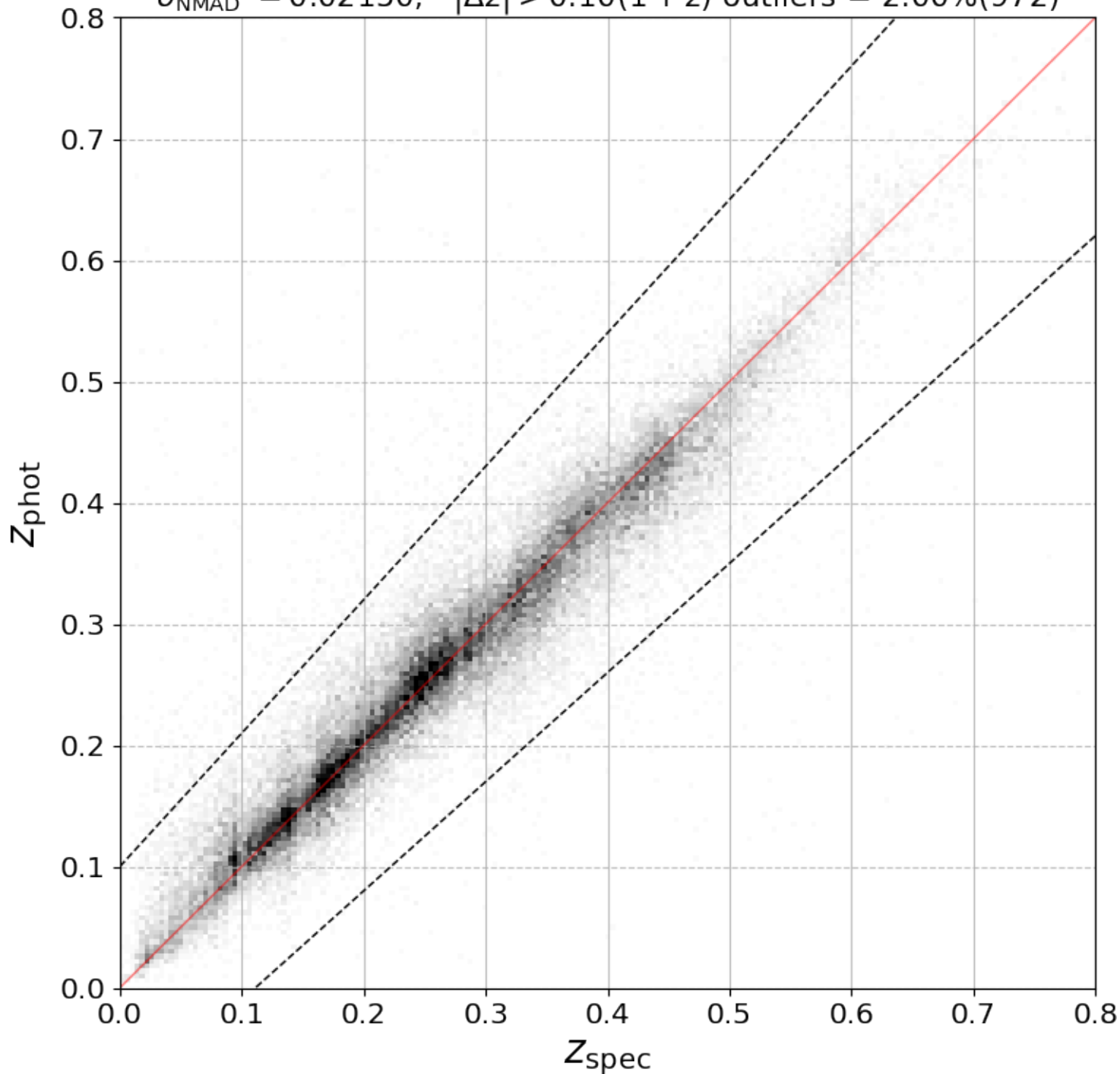$\sigma_{\mathrm{NMAD}} = 0.07218;$ $|\Delta z| > 0.10(1 + z)$ outliers = 23.46%(66112)

DESI SV1 BGS (LS south, 48509 objects)
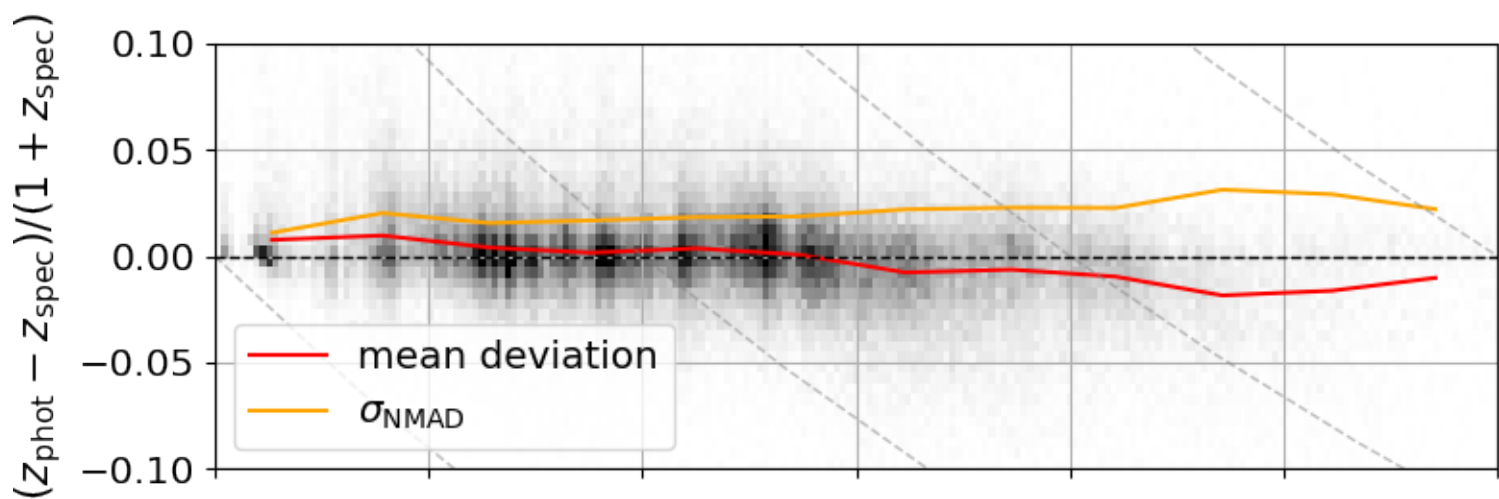$\sigma_{\mathrm{NMAD}} = 0.02150;$ $|\Delta z| > 0.10(1 + z)$ outliers = 2.01%(976)

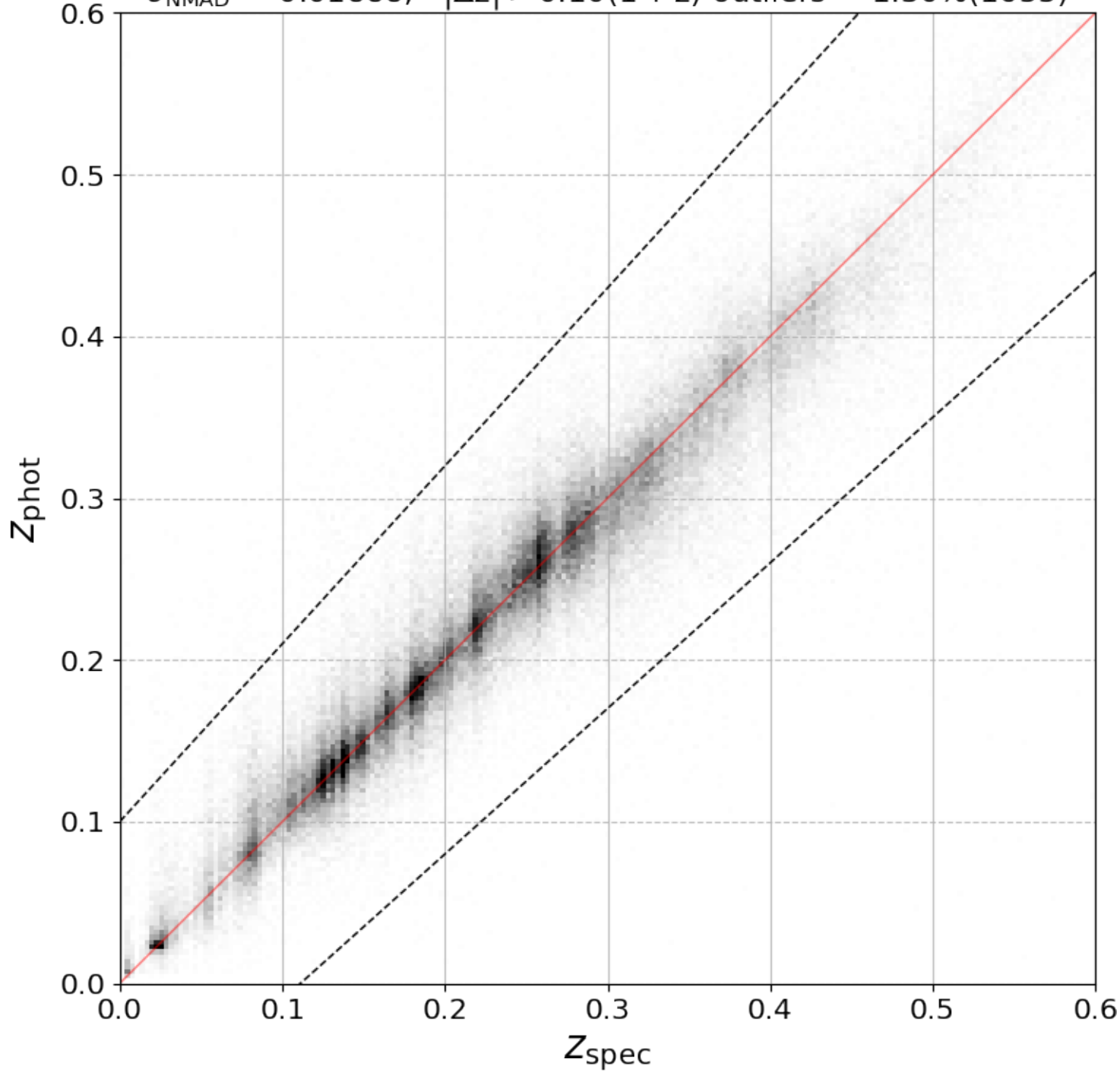DESI SV1 BGS zmag<21 (LS south, 48500 objects)
$\sigma_{\mathrm{NMAD}} = 0.02150; \quad |\Delta z| > 0.10(1 + z)$ outliers = 2.00%(972)
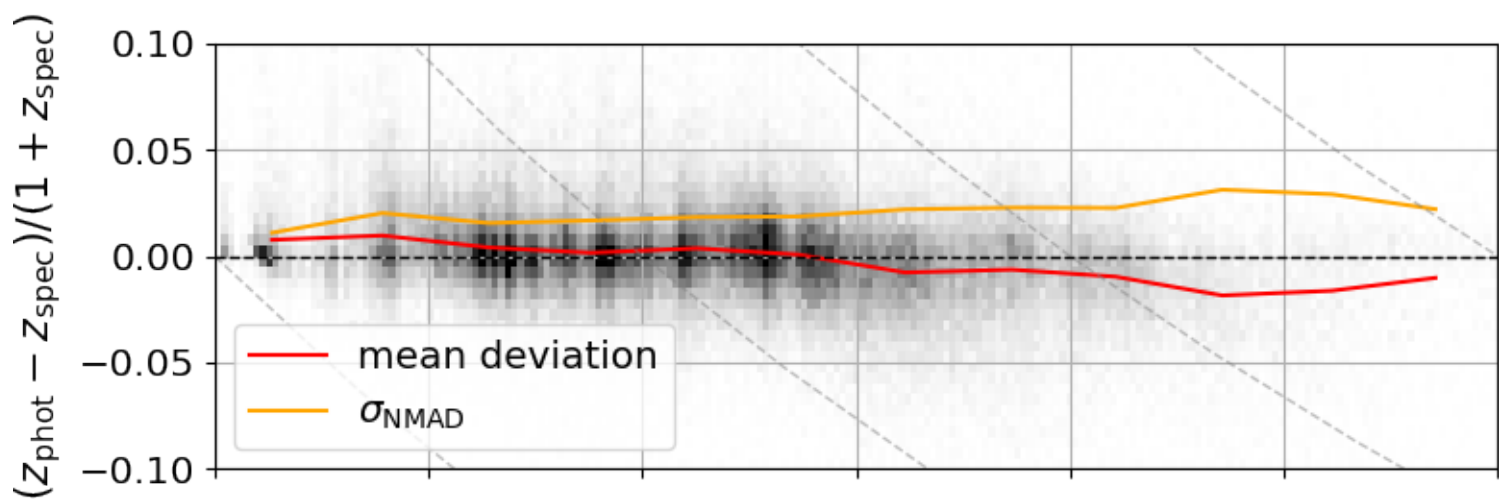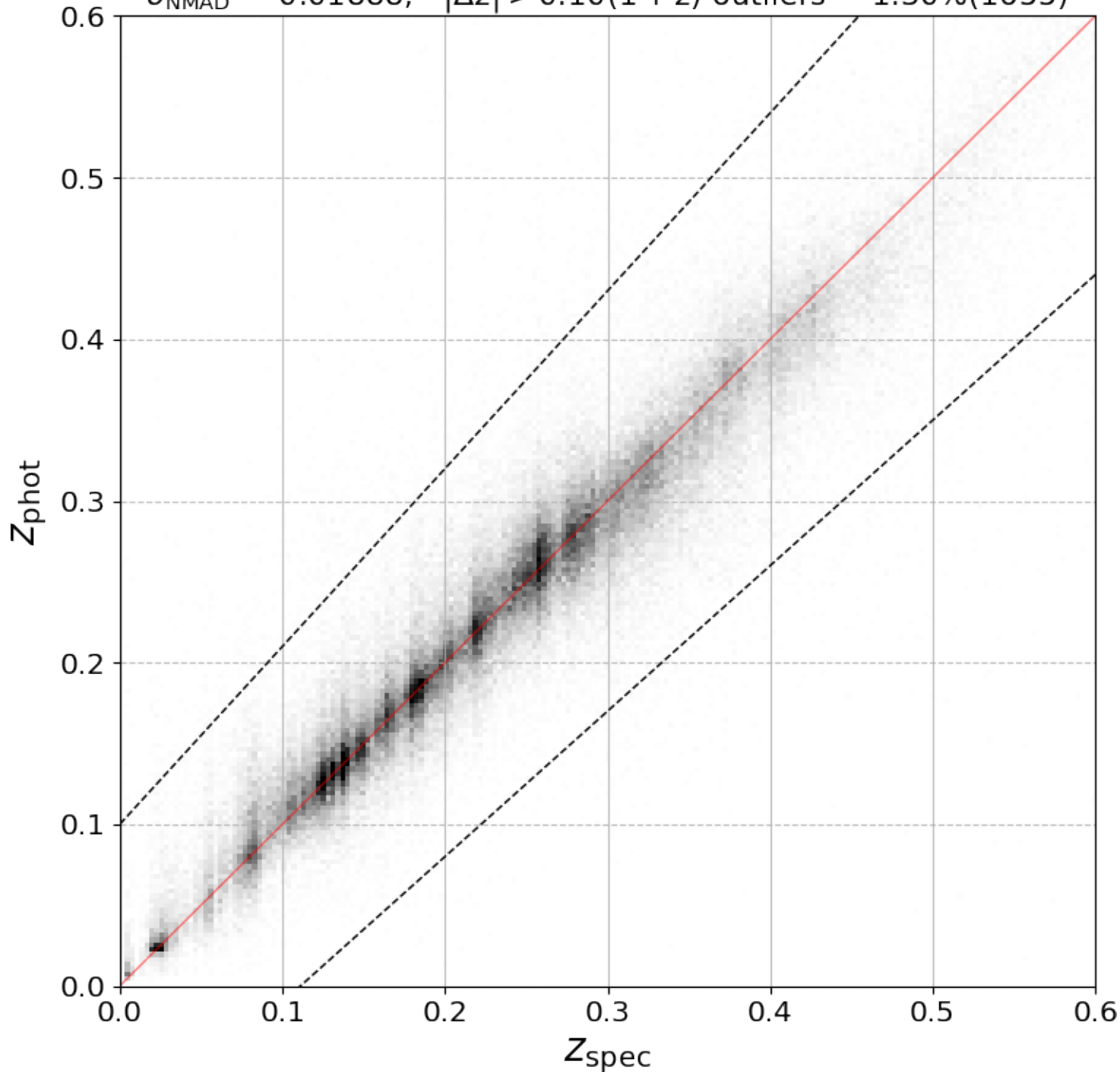
DESI SV3 BGS (LS south, 127709 objects)

$\sigma_{\mathrm{NMAD}} = 0.01888;$ $|\Delta z| > 0.10(1 + z)$ outliers = 1.30%(1655)

DESI SV3 BGS zmag<21 (LS south, 127709 objects)

$\sigma_{\mathrm{NMAD}} = 0.01888$; $|\Delta z| > 0.10(1 + z)$ outliers = 1.30%(1655)

DESI SV1 LRG (LS south, 16865 objects)

$\sigma_{\mathrm{NMAD}} = 0.02829; \quad |\Delta z| > 0.10(1 + z)$ outliers = 3.27%(551)

DESI SV1 LRG zmag<21 (LS south, 12710 objects)

$\sigma_{\mathrm{NMAD}} = 0.02460;$ $|\Delta z| > 0.10(1 + z)$ outliers = 2.67%(339)

DESI SV3 LRG (LS south, 59855 objects)

$\sigma_{\mathrm{NMAD}} = 0.02511;\quad |\Delta z| > 0.10(1+z)$ outliers $= 1.90\%(1138)$
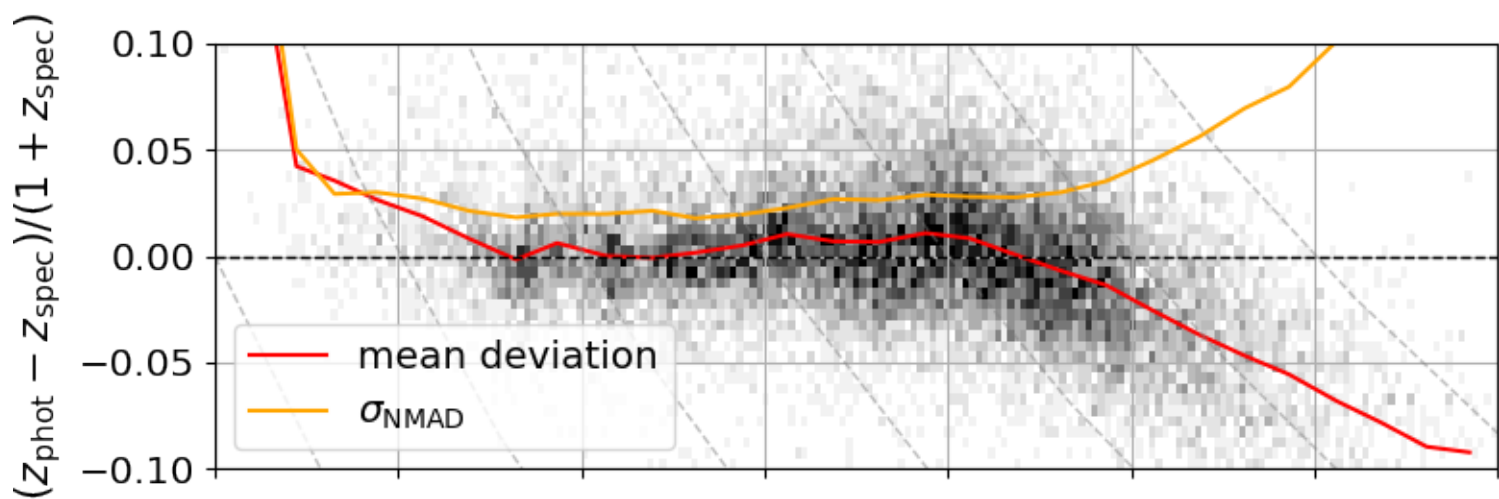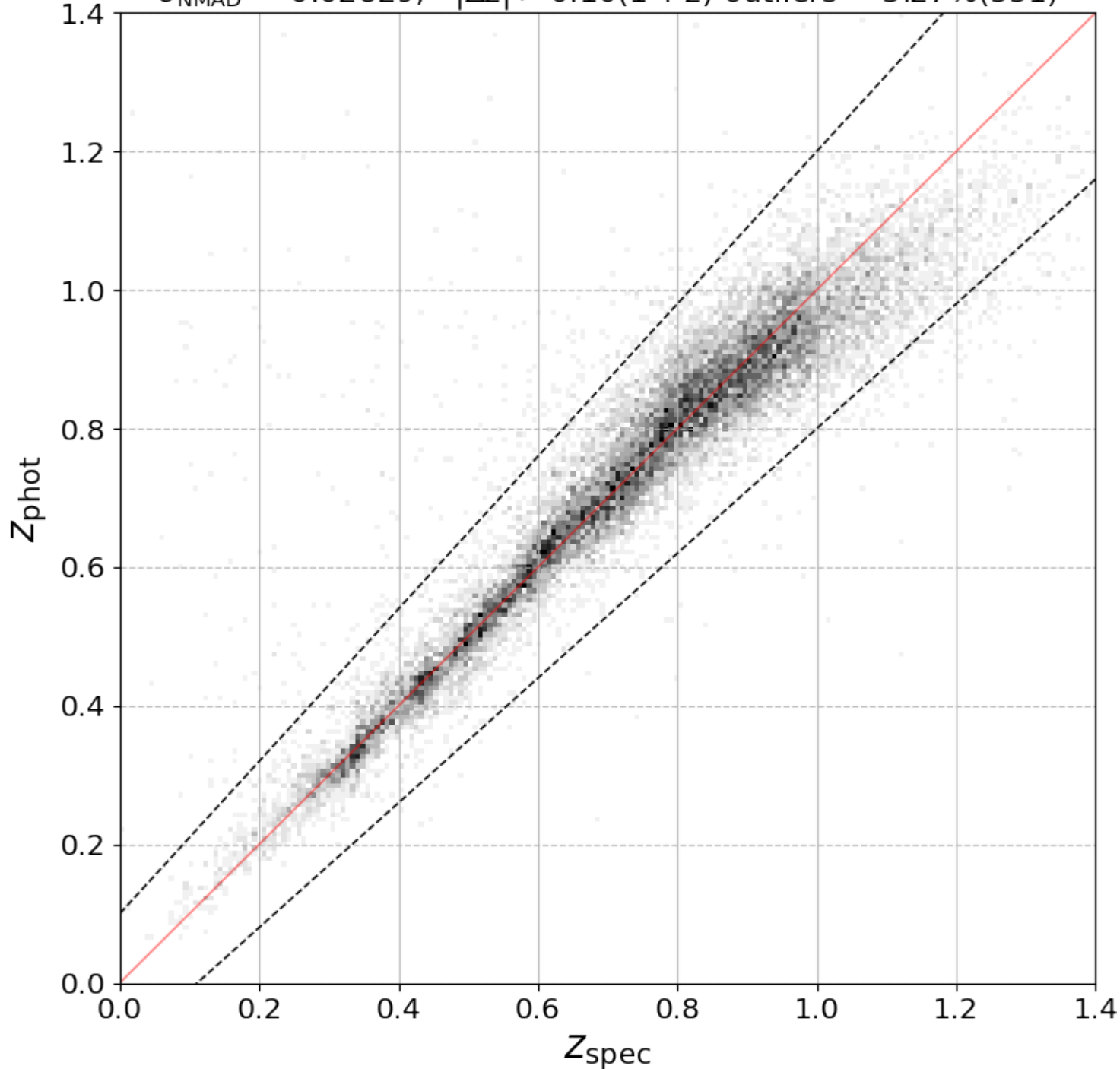
DESI SV3 LRG zmag<21 (LS south, 53856 objects)

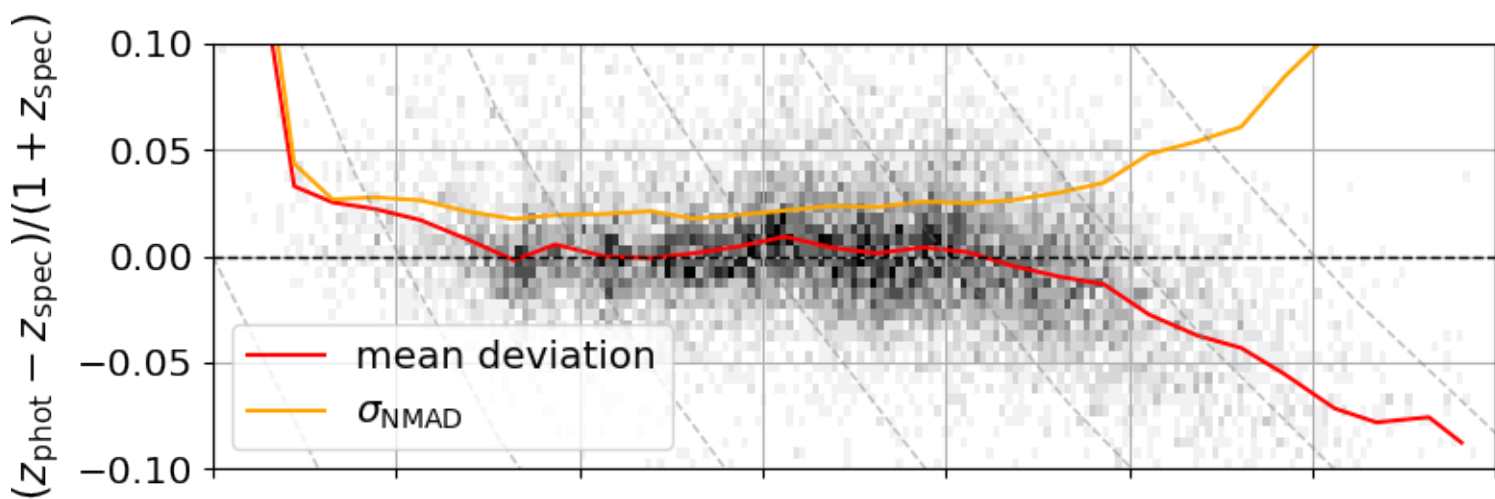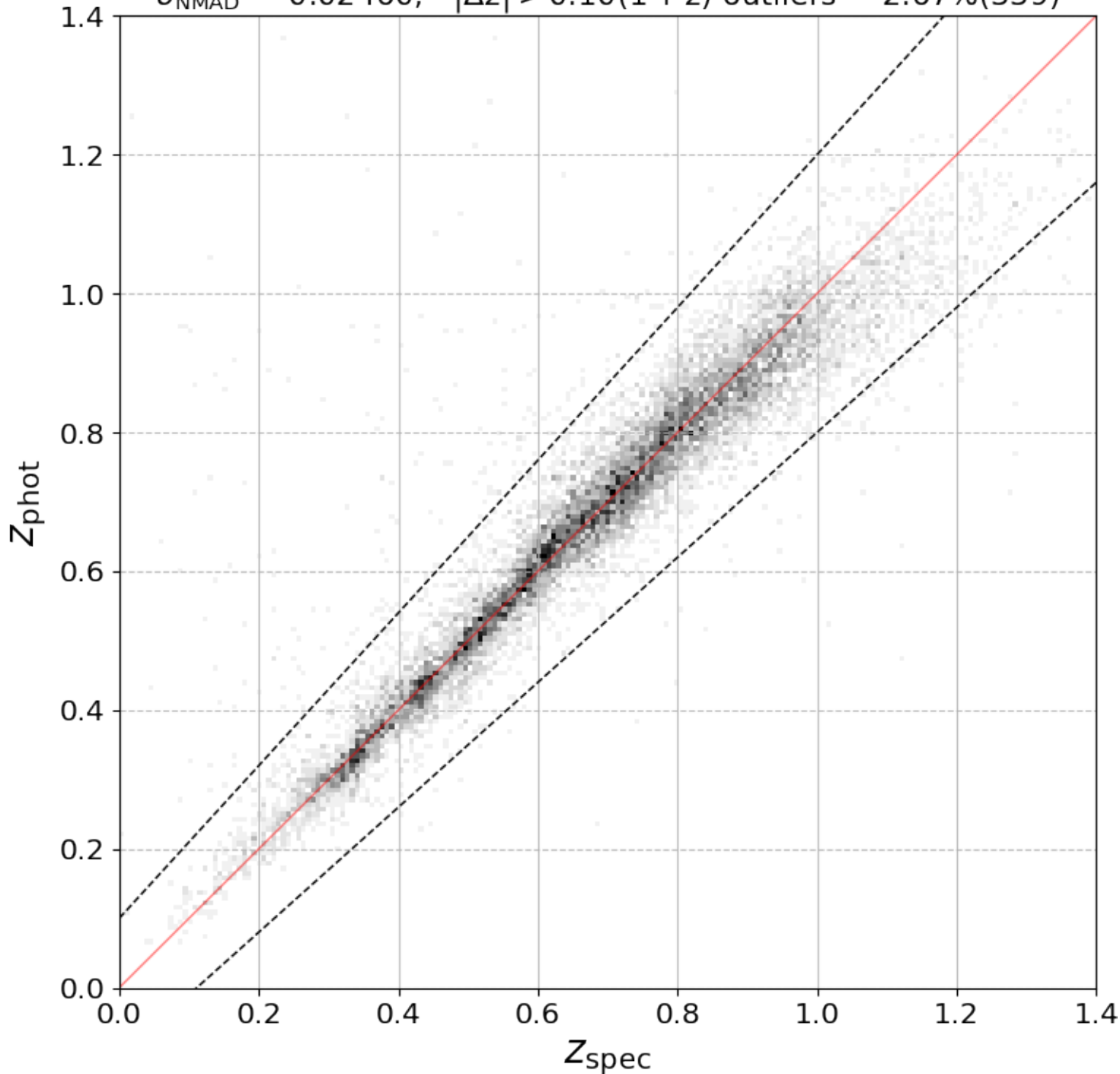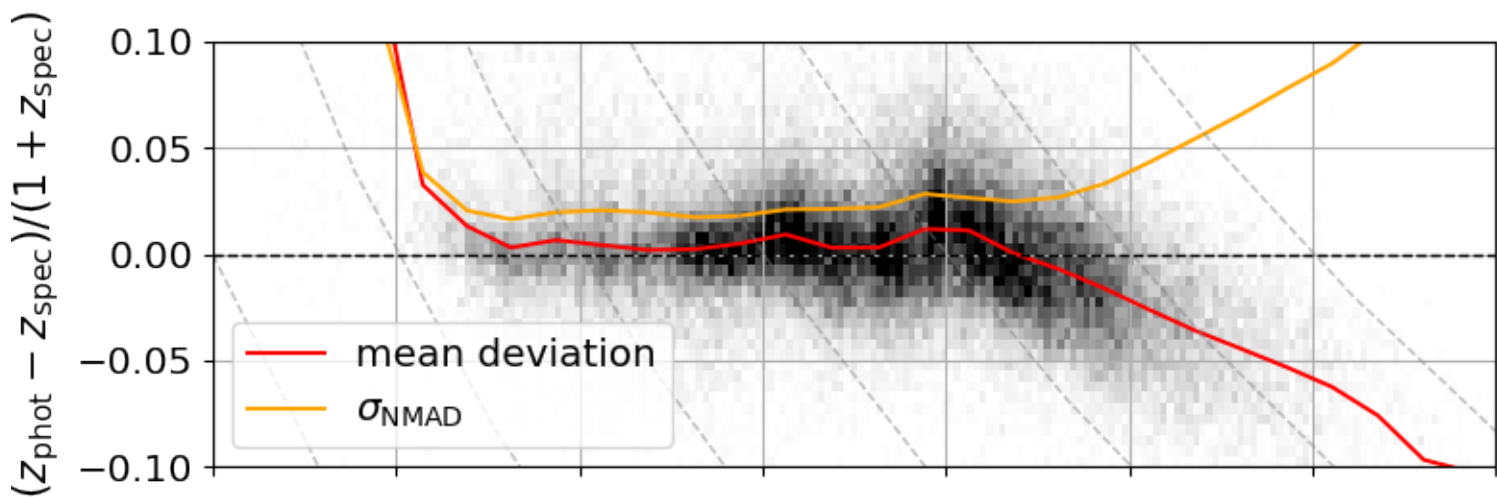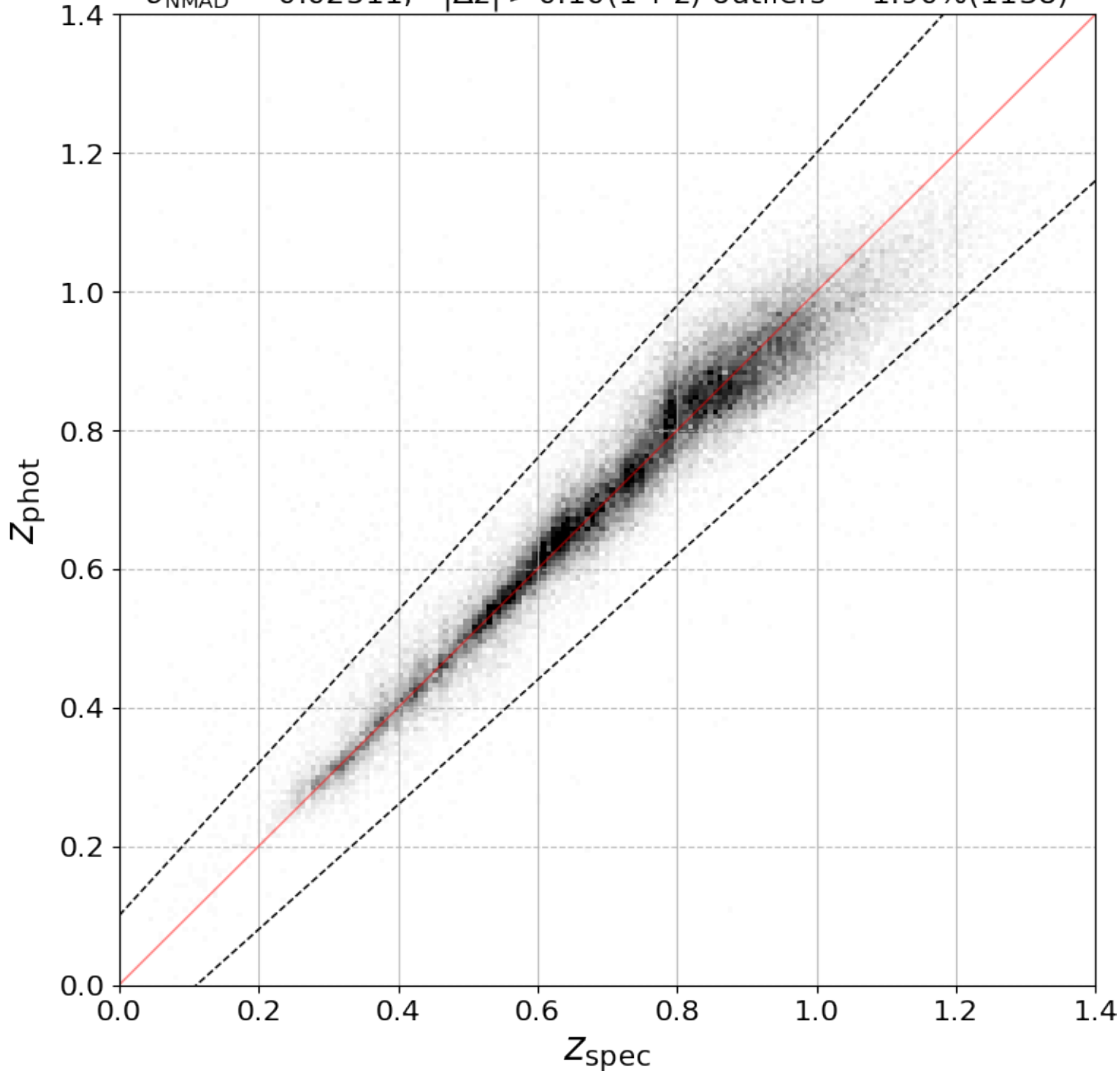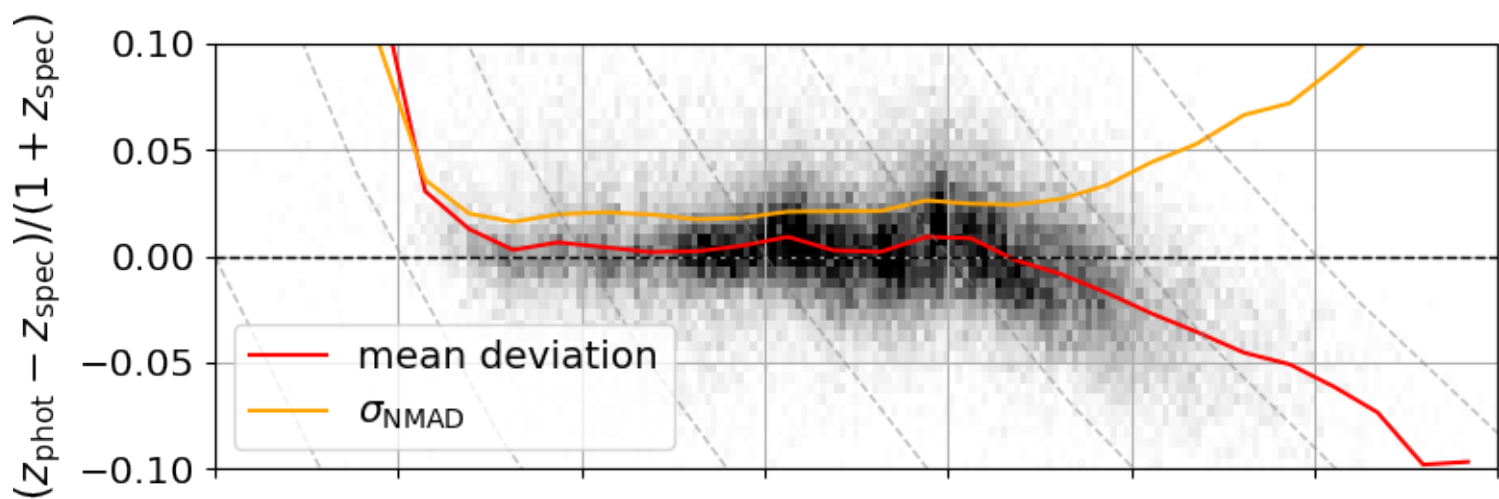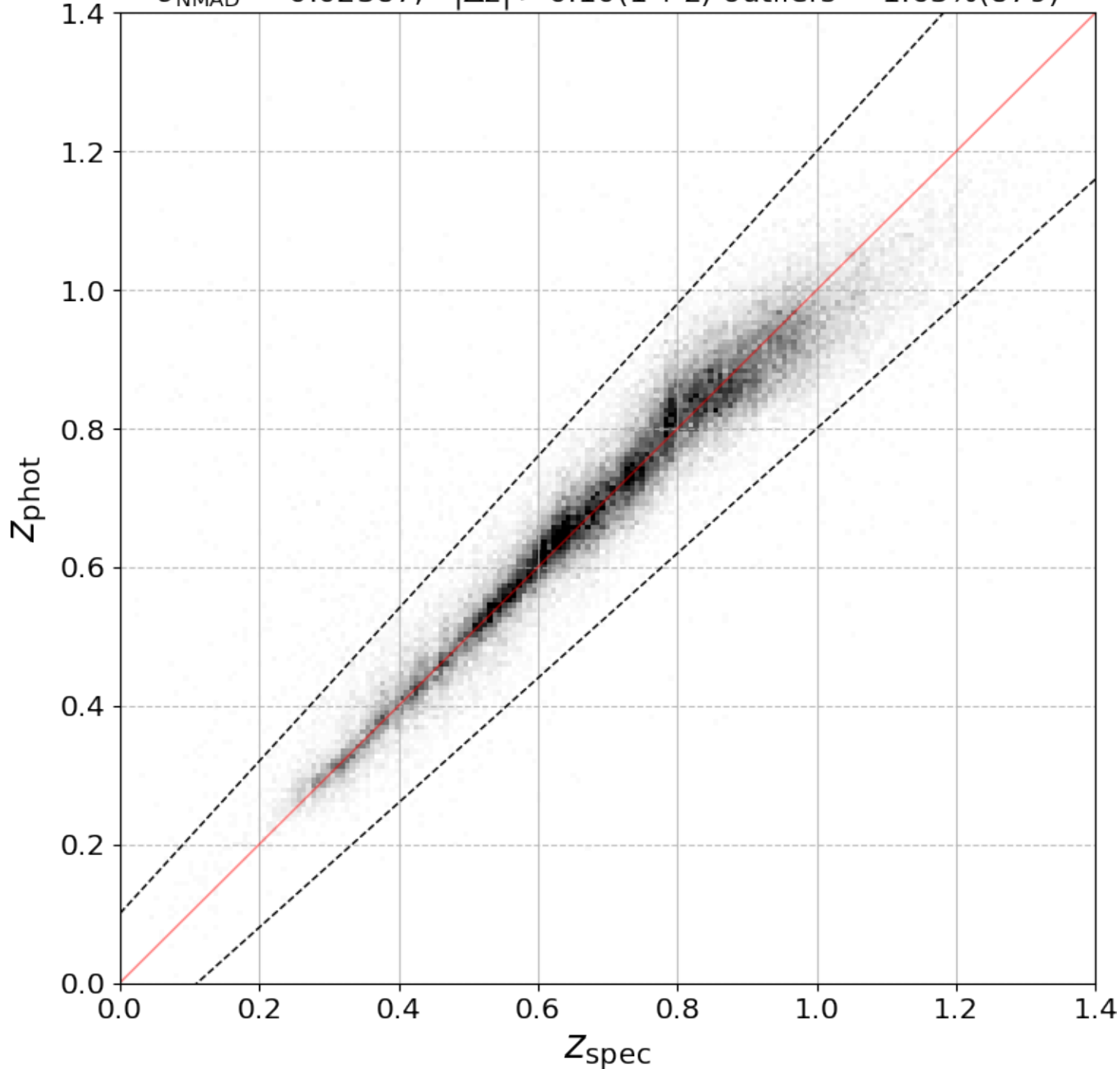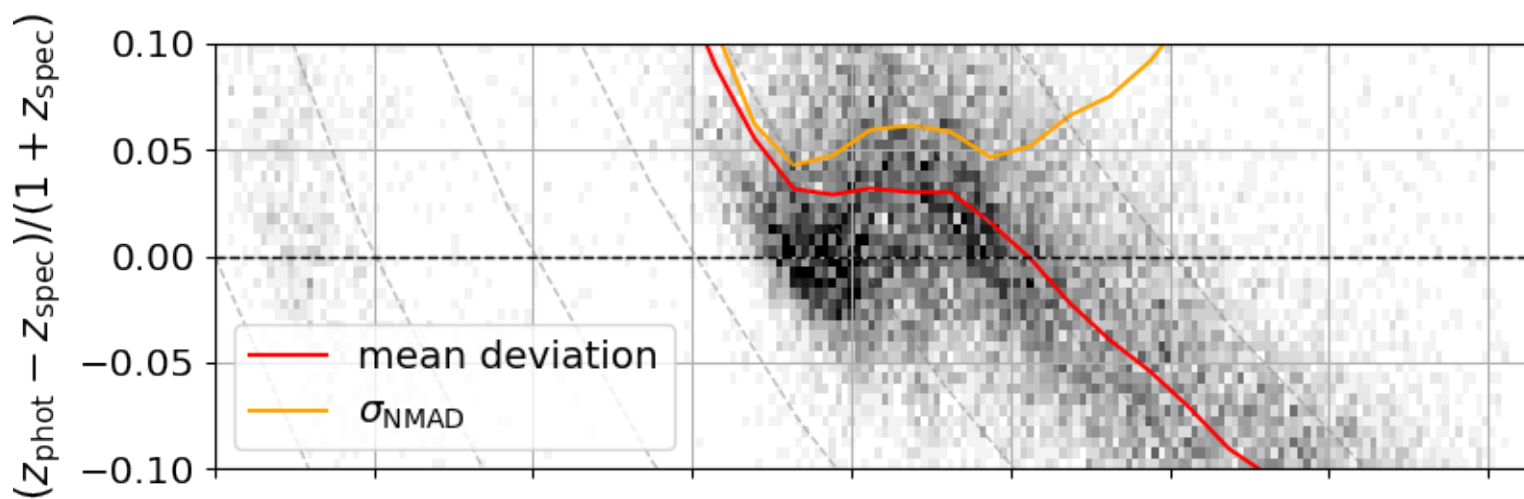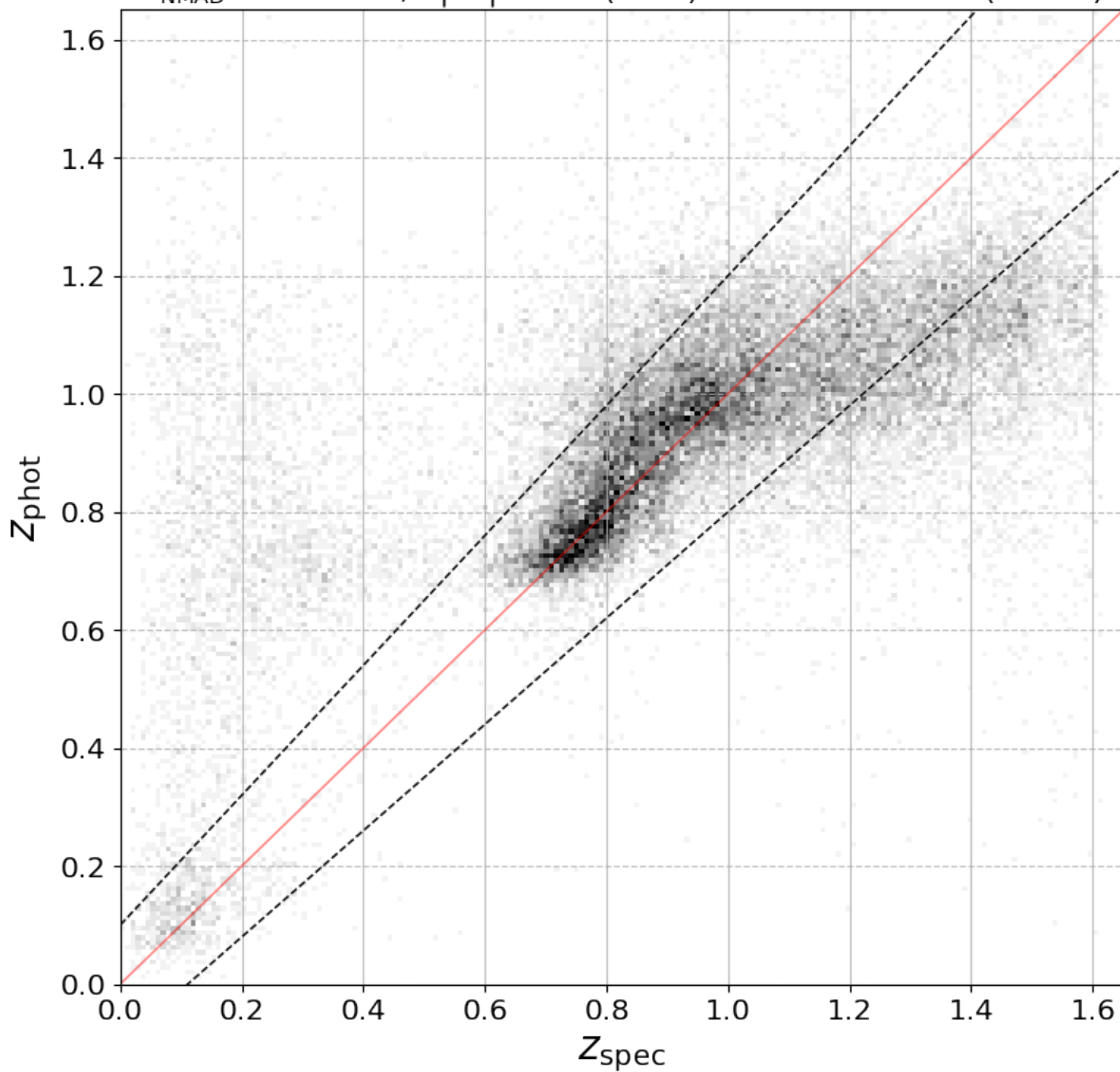$\sigma_{\mathrm{NMAD}} = 0.02387$; $|\Delta z| > 0.10(1 + z)$ outliers = 1.63%(879)
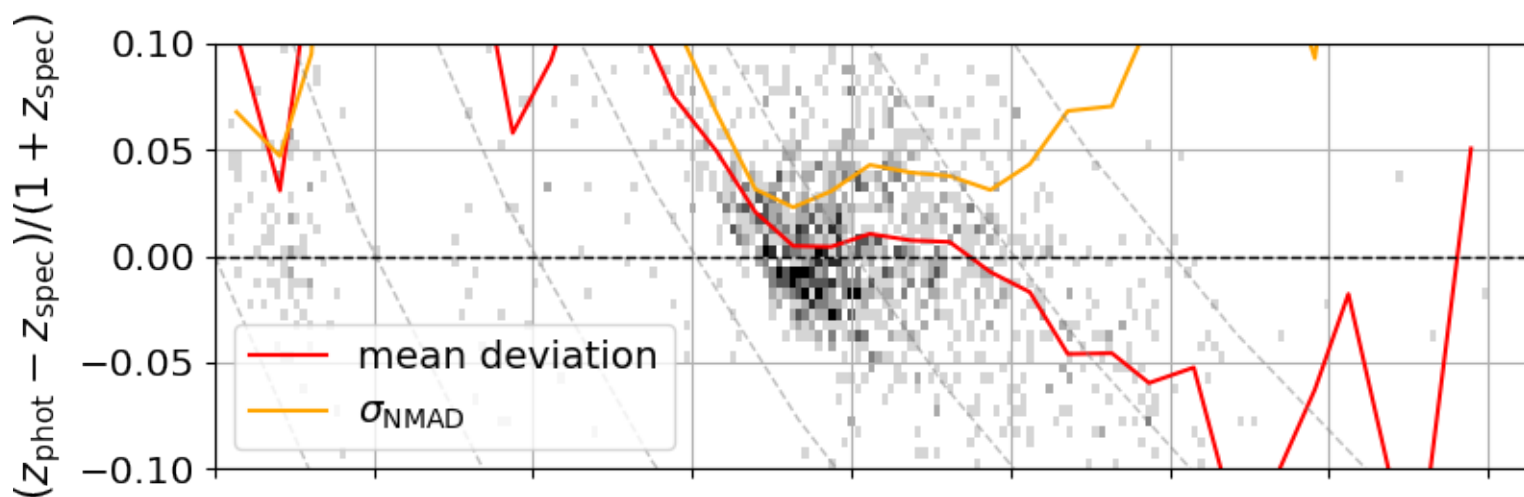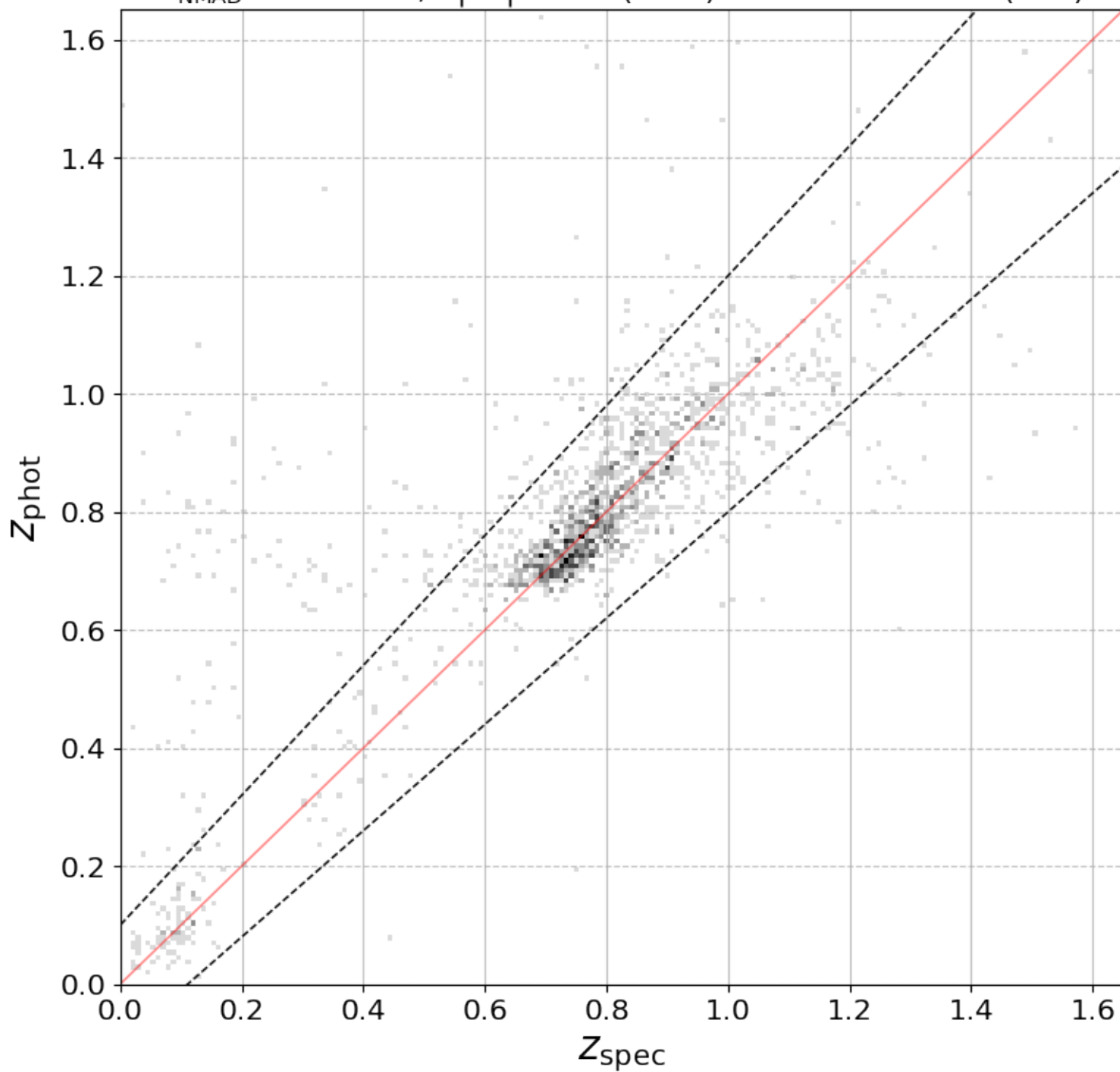
DESI SV1 ELG (LS south, 30176 objects)
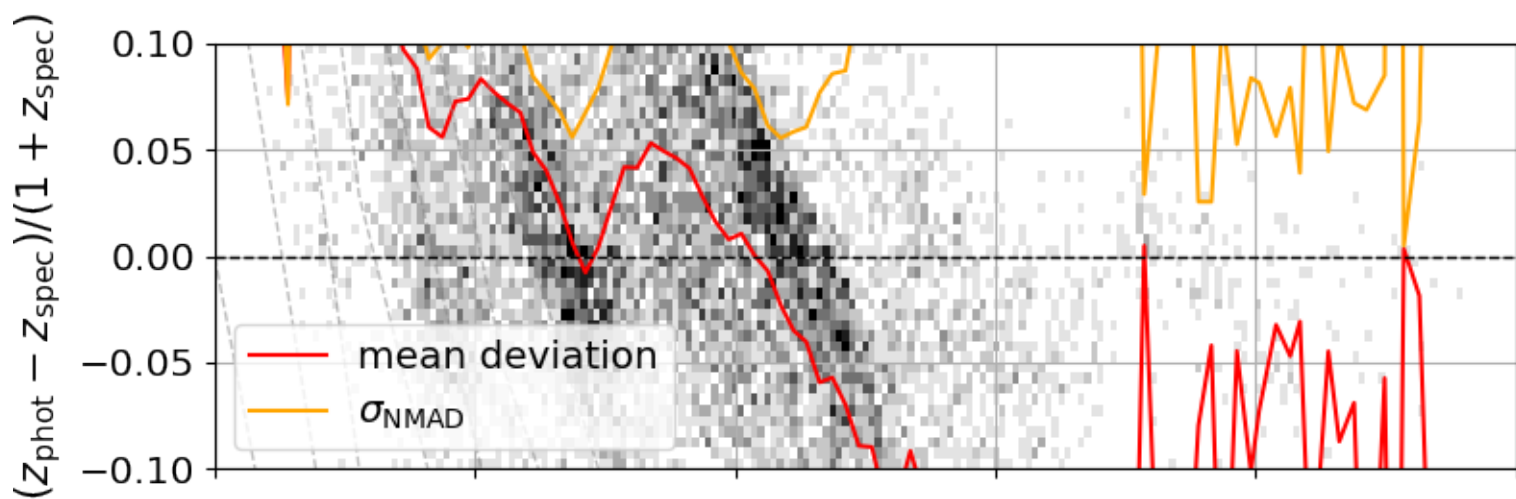$\sigma_{\mathrm{NMAD}} = 0.09546$; $|\Delta z| > 0.10(1 + z)$ outliers $= 34.72\%(10477)$

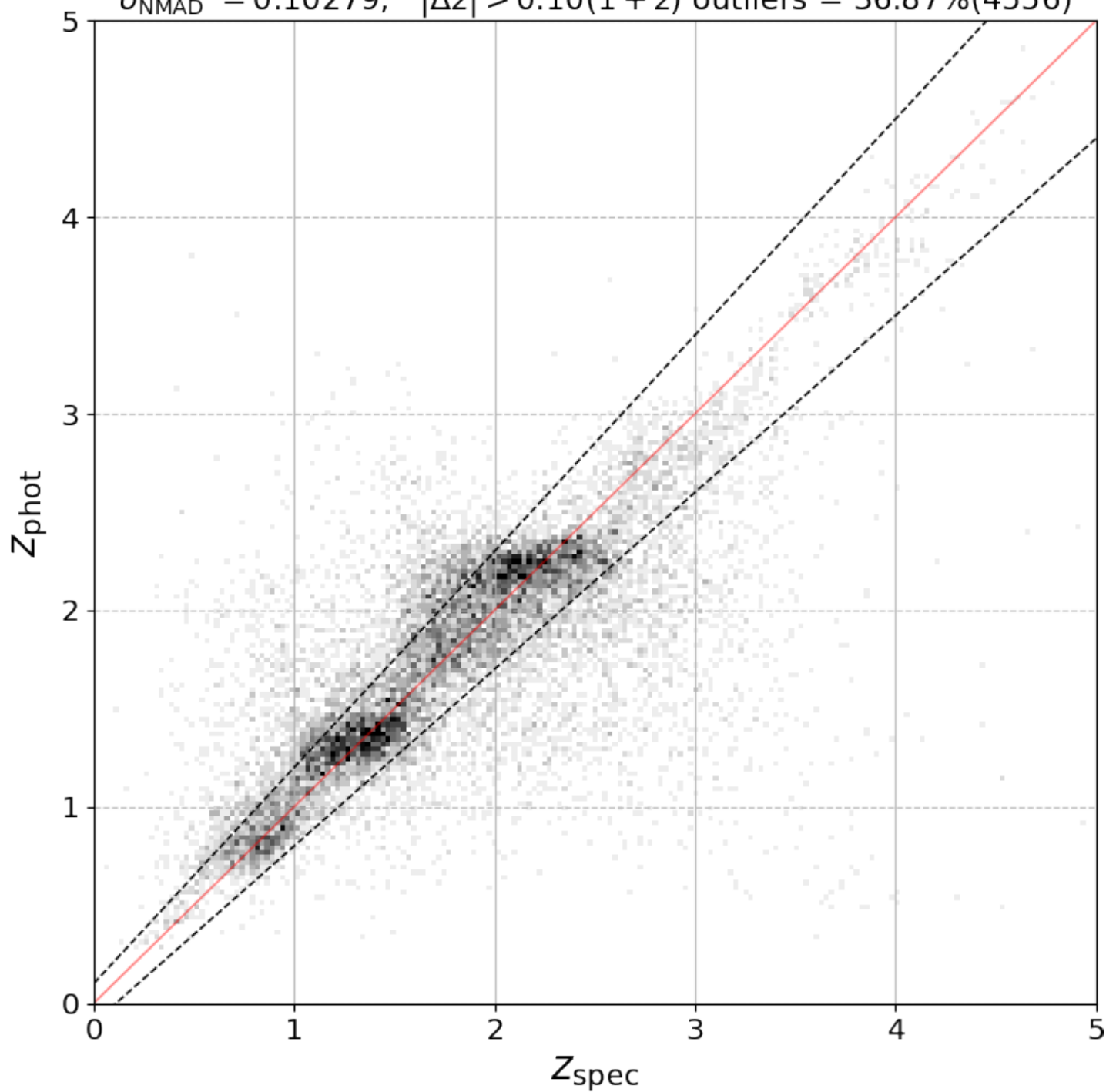DESI SV1 ELG zmag<21 (LS south, 1656 objects)
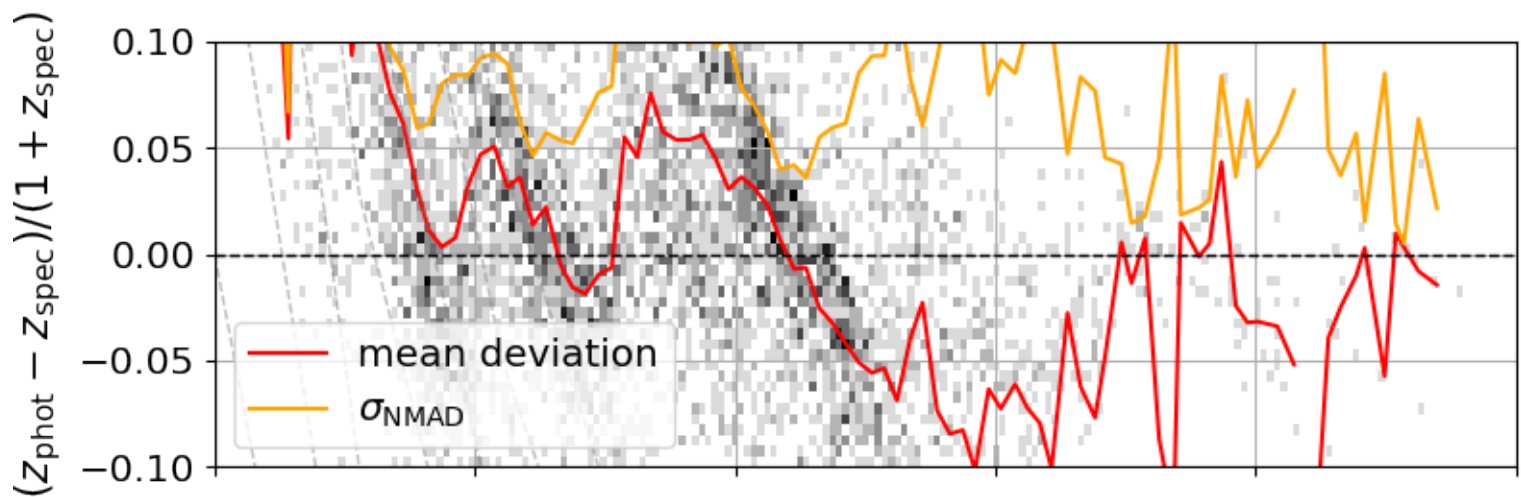$\sigma_{\mathrm{NMAD}} = 0.04136;$ $|\Delta z| > 0.10(1 + z)$ outliers $= 14.37\%(238)$

DESI SV1 QSO (LS south, 12357 objects)

$\sigma_{\mathrm{NMAD}} = 0.10279;$ $|\Delta z| > 0.10(1 + z)$ outliers $= 36.87\%(4556)$

z_{phot}

z_{spec}

$(z_{\mathrm{phot}} - z_{\mathrm{spec}})/(1 + z_{\mathrm{spec}})$

— mean deviation
— σ_{NMAD}

DESI SV1 QSO zmag<21 (LS south, 5532 objects)

$\sigma_{\mathrm{NMAD}} = 0.08034; \quad |\Delta z| > 0.10(1 + z)$ outliers = 26.55%(1469)

DESI SV3 QSO (LS south, 15498 objects)

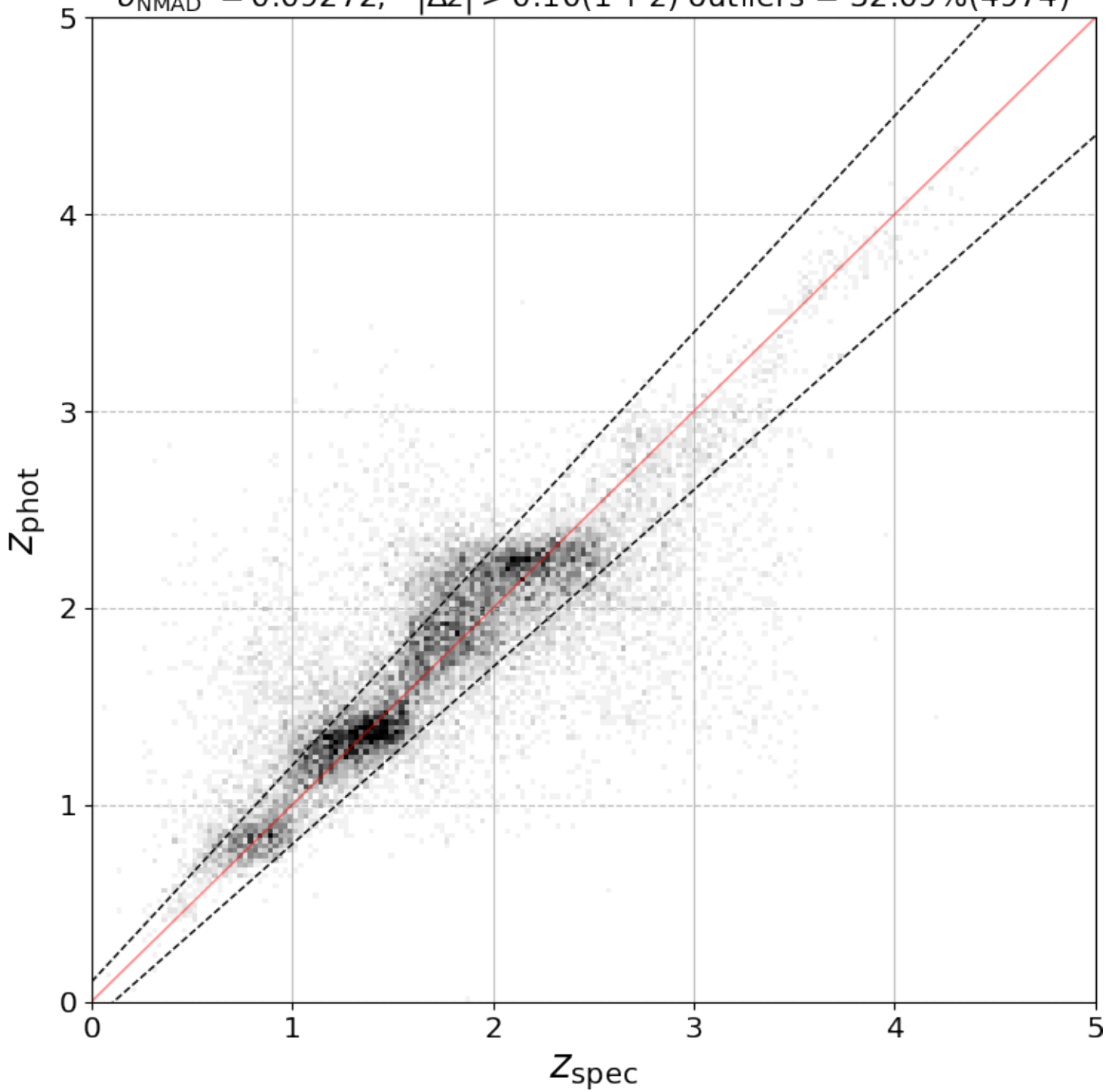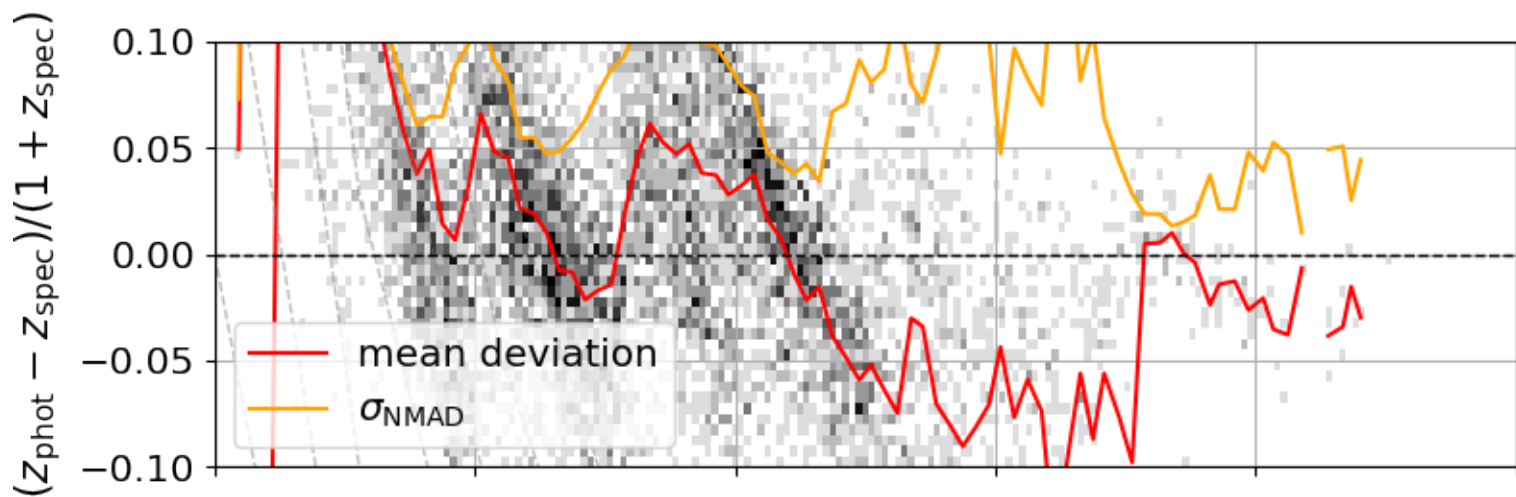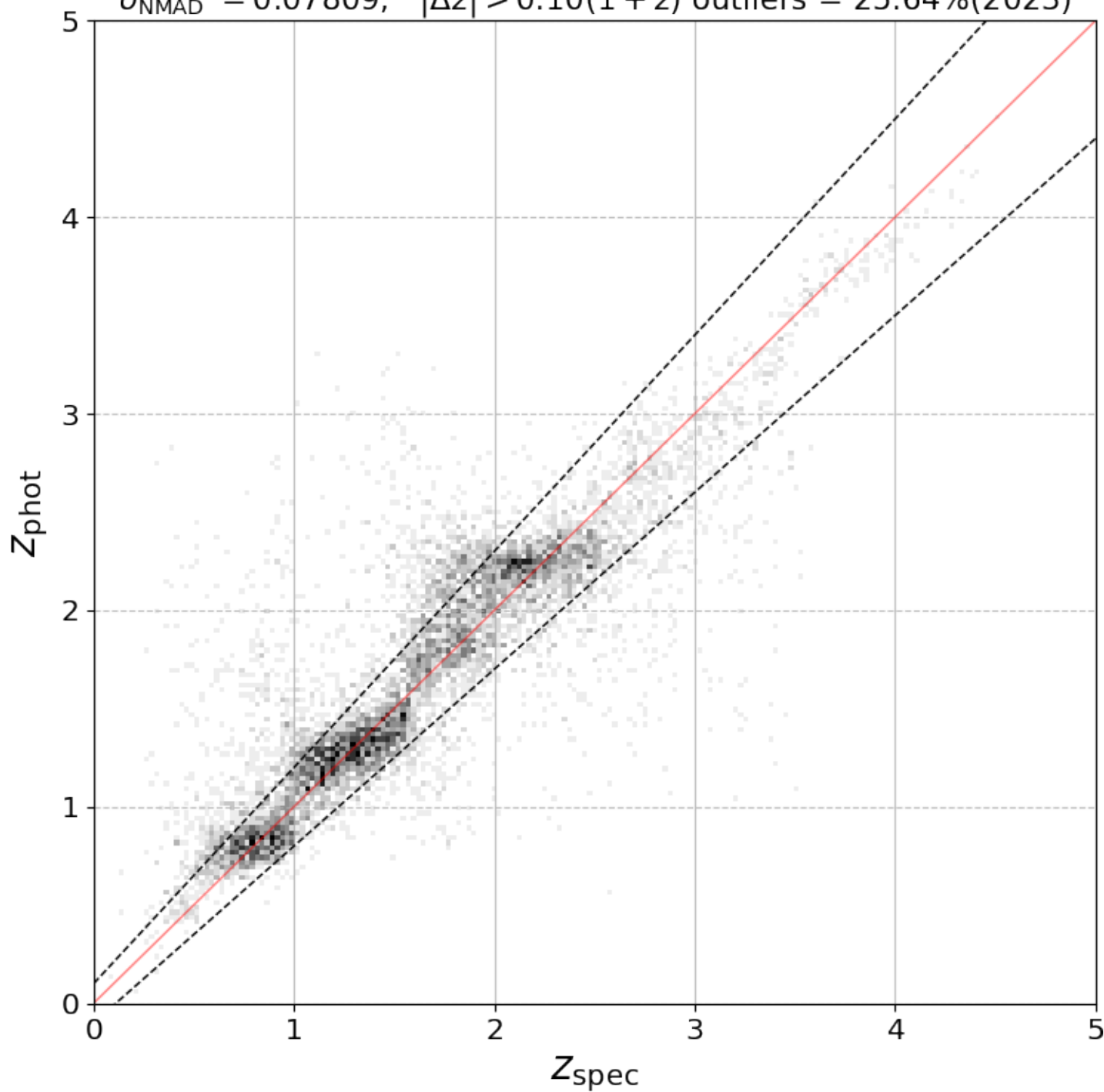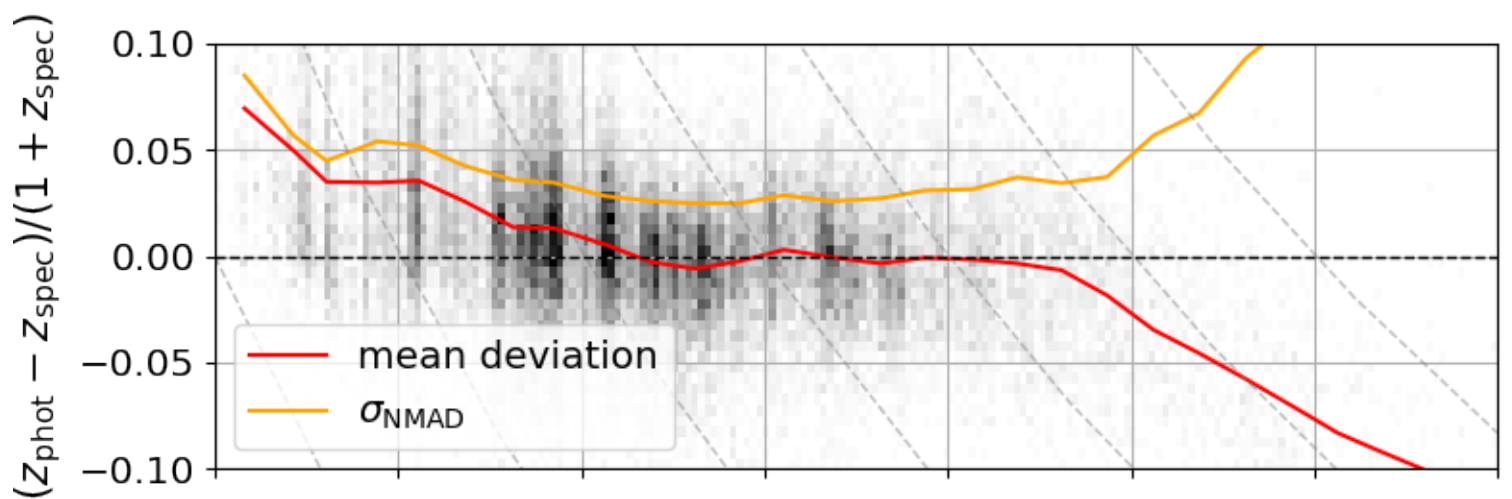$\sigma_{\mathrm{NMAD}} = 0.09272;$ $|\Delta z| > 0.10(1 + z)$ outliers $= 32.09\%(4974)$

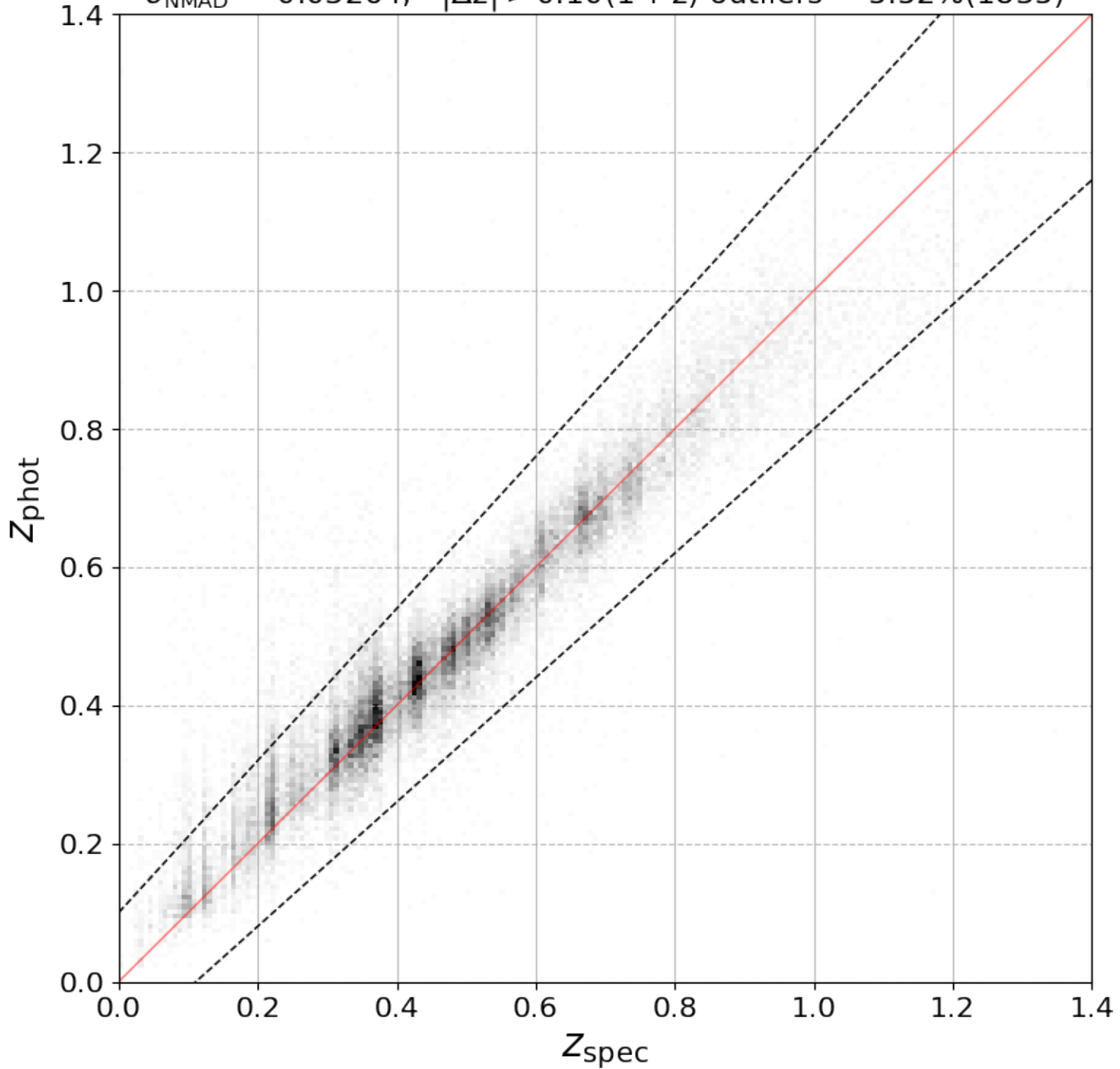DESI SV3 QSO zmag<21 (LS south, 7891 objects)
$\sigma_{\mathrm{NMAD}} = 0.07809;$ $|\Delta z| > 0.10(1 + z)$ outliers $= 25.64\%(2023)$

DESI COSMOS LOWZ (LS south, 33231 objects)
$\sigma_{\mathrm{NMAD}} = 0.03264;$ $|\Delta z| > 0.10(1 + z)$ outliers $= 5.52\%(1835)$

DESI COSMOS LOWZ zmag<21 (LS south, 29143 objects)
$\sigma_{\mathrm{NMAD}} = 0.03112$; $|\Delta z| > 0.10(1 + z)$ outliers = 4.83%(1408)